



Saint Regis Mohawk Tribe

November 3, 2017

Chief Eric Thompson
Chief Beverly Cook
Chief Michael Conners
Sub-Chief Cheryl Jacobs
Sub-Chief Shelley Jacobs
Sub-Chief Agnes Jacobs

Hon. Darrell Issa
Chairman
House Subcommittee on Courts, Intellectual
Property, and the Internet
Washington, D.C. 20515

Hon. Jerrold Nadler
Ranking Member
House Subcommittee on Courts, Intellectual
Property, and the Internet
Washington, D.C. 20515

Re: Testimony before the House Oversight and Government Reform Subcommittee on Courts, Intellectual Property, and the Internet November 7, 2017 Hearing on Sovereign Immunity and the Intellectual Property System.

Chairman Issa and Ranking Member Nadler:

On behalf of the Saint Regis Mohawk Tribe ("SRMT" or "the Tribe"), we are writing to submit the following testimony for the record for the hearing before your Subcommittee on the intersection of sovereign immunity and the intellectual property system in the United States. It is not coincidental that the interest in sovereign entities owning intellectual property and exercising their right to sovereign immunity in certain, limited circumstances has only recently gained attention now that a federally recognized tribal government has exercised its sovereign right to do so. For years, sovereign state entities and state universities have enjoyed sovereign immunity from the Patent Trial and Appeals Board (PTAB) and the *Inter Partes Review* (IPR) process without any of the negative, misleading, and unfortunate statements like the ones that have been directed at our Tribe and to Indian Country in general. Before addressing the numerous misconceptions, false statements, and unfounded attacks on tribal sovereignty, it is important to understand what led our tribal government to take ownership of intellectual property in the same manner that states and state university systems have.

Background on the Saint Regis Mohawk Tribe

SRMT is a federally recognized tribal government located in our traditional territory of Akwesasne, New York. The Tribe consists of over 15,600 enrolled tribal members, with approximately 8,000 tribal members living on the Reservation. As one of the primary employers in our region, we take pride in our commitment to promoting the region's economy. SRMT, Akwesasne Mohawk Casino Resort, Mohawk Networks, and Akwesasne TV provide employment opportunities for more than 1,600 residents of Northern New York and over \$52 million in salaries annually. Additionally, SRMT provides a number of services to tribal members and our neighbors including public safety, economic development, and broadband.

To ensure the strength and vigor of our economy, we have been forced to diversify our economy to protect against persistent threats to our general fund. This transaction with Allergan is specifically intended to supplement our revenue in order to provide essential government functions. For example, in recent years, our gaming revenue has leveled off. With inflation and rising living and healthcare costs, and additional pressure of budget cuts, sequestration, elimination of federal programs, increased competition, the Tribe's limited ability to tax, and lack of economic development opportunities due to our rural location is putting a strain on our already limited budget. While we do the best we can to augment shortfalls in federal funding for the health, public safety, housing, environment, and educational services, we consistently run into

roadblocks when attempting to access capital that is essential to promoting the health and well-being of our members, employees, and neighboring non-Native communities.

In addition to financial barriers we face, our surrounding environment has been polluted in a way that is causing the Tribe's healthcare costs to sky rocket. For the past sixty years, SRMT's Reservation has been persistently polluted by hazardous polychlorinated biphenyls ("PCBs"), polycyclic aromatic hydrocarbons, aluminum, fluoride, cyanide, and other volatile organic compounds ("VOCs") from (i) the General Motors (Central Foundry Division) Superfund Site, (ii) the Alcoa West – Grasse River Superfund Site, and (iii) Alcoa East (formerly owned by the Reynolds Metals Company) – all of which are located directly upstream and upwind from where our community draws its drinking water and permanently resides. While the industries causing the pollution have come and gone, the pollutants remain and continue to contaminate our water, land, and air and threatening the health and well-being of our tribal members.

Despite years of SRMT engagement with EPA, the State of New York, and Congress, mitigation plans put into place are drastically underfunded, insufficient, and new research demonstrates that EPA's mitigation methods are exposing our community to additional pollutants. The lack of adequate federal funding to completely mitigate these sites is disproportionately polluting our entire Reservation with hazardous PCBs and other VOCs and is having a lasting impact on the well-being and traditional cultural practices of our community.

The fact that we are being attacked for diversifying our economy and obtaining a revenue source that could remedy the current environmental disaster that is polluting our community and endangering our well-being while also offsetting healthcare costs, is appalling and offensive. We have been working with Congress, EPA, and various Administrations for decades to address the government's failure to warn us of the pollution and to protect us from being poisoned. **We can no longer sit back and wait for the government to figure this out.** Our constituents need adequate healthcare services and we will do everything we can to provide them with those services.

On top of this, as members of Congress criticize the Tribe for our actions, each of the individual states own hundreds, if not thousands, of patents. This hypocrisy on top of the government's failure to uphold the federal trust responsibility, pass meaningful legislation, maintain important programs, and pay for environmental damages is leaving the Tribe in a perpetual standing of uncertainty regarding our ability to provide desperately needed services to our members. True fulfillment of the federal trust responsibility to tribal governments should not force Indian Country to bear the consequences of partisan disagreements about how to control drug prices and deliver affordable healthcare.

Correction of Misconceptions and False Statements

As Congress considers the broad issue of sovereign immunity and intellectual property, it is important that the Tribe first address a number of unfortunate misconceptions and false statements that have thus far dominated the discussion on this important issue.

1. It is False to say that Sovereign Immunity Exempts Patents from Any Future Challenges.

The House press release announcing this very hearing perpetuates a false narrative that the exercise of sovereign immunity somehow shields patents "from any future challenges." This demonstrably false scare tactic cannot withstand scrutiny. Under the Hatch/Waxman process, federal courts have full jurisdiction to hear challenges to otherwise valid patents – including those held by sovereign state and tribal governments. The cases where states and tribes have asserted sovereign immunity have been limited to the PTAB and the IPR process and are specifically intended to return patent challenge litigation to the federal courts. As this Committee is well aware, the constitutionality of the PTAB and IPR process will soon be decided by the Supreme Court. On November 29, 2017, the Court will hear argument in *Oil States Energy Services, LLC v. Greene's Energy Group, LLC* on the constitutionality of PTAB because it is a quasi-judicial proceeding

that has resulted in the deprivation of property rights without due process of law. For example, with respect to patent challenges in the PTAB, the following serious problems exist:

- There is no right to a jury trial
- Cases are decided by Article I political appointees, not Article III Senate confirmed judges
- There is no presumption of patent validity, despite the United States Patent and Trade Office (“USPTO”) having reviewed and issued the patent
- Legal standard is preponderance of the evidence, rather than clear and convincing
- No standing requirement, patent can be challenged by anyone regardless of motive
- Res judicata does not apply; allowing challengers multiple bites at the apple and subjecting patent holders to an unfair double (or serial) jeopardy
- No procedural protections to protect substantive or procedural due process

No reasonable patent holder can be expected to have their rights vindicated when an administrative board can overrule a federal district court. This Committee and all of Congress should recognize that the PTAB has become a “patent death squad” abused by infringers and patent trolls that threatens to continue to disrupt our once respected patent system.

In any event, the Committee should defer any action on the question of sovereign immunity and the IPR system until after the Supreme Court decides the *Oil States* case. The Court will hear argument on November 29, 2017 and will decide the case this Term.

2. The Use of Tribal Sovereign Immunity is not a “sham transaction.”

The Tribe’s critics have not actually articulated any coherent legal theory to support their often repeated allegation that this transaction is a sham or a scheme to buy or rent tribal immunity. No one has alleged that the Tribe or Allergan have committed fraud, engaged in criminal activity, or evaded any specific law.

After disparaging the concept of tribal immunity, critics and commentators then like to argue that the transaction has undermined the AIA. The Supreme Court has repeatedly rejected these policy arguments, even in the commercial context. *Michigan v. Bay Mills Indian Community*, 134 S. Ct. 2024, 2039 (2014) (Rejecting Michigan’s attempt to shut down Tribal Casino based on tribes’ sovereign immunity). In *Kiowa Tribe of Oklahoma v. Mfg. Techs., Inc.*, the Supreme Court noted that “when tribes take part in the Nation’s commerce” immunity could “extend beyond what is needed to safeguard tribal self-governance.” 523 U.S. 751, 758 (1998). However, even with this in mind, the Court went on to expressly reject the opportunity to “confine [immunity] to Reservations or non-commercial activities” *Id.* This reaffirmed the Supreme Court’s holding in *Oklahoma Tax Comm’n v. Citizen Band Potawatomi Indian Tribe of Oklahoma* rejecting Oklahoma’s contention that “because tribal business activities ... are now so detached from traditional tribal interests,” tribal immunity “no longer makes sense in [the commercial] context.” 498 U.S. 505, 510 (1991). The Supreme Court has repeatedly held that even states cannot overcome the principle of tribal sovereign immunity. To give generic drug manufacturers more rights than state governments when it comes to protecting their business interests against those of a tribe would be an unprecedented break from years of clear federal policy.

Moreover, encouraging “economic development” is one of the primary policy purposes cited by Congress and the Supreme Court for tribal sovereign immunity. *See, e.g., Oklahoma Tax Comm’n v. Citizen Band Potawatomi Indian Tribe of Oklahoma*, 498 U.S. 505, 510 (1991). That is exactly what the Tribe is doing here, as it explained in a recent letter to the Senate Judiciary Committee.

All sovereigns use immunity for commercial purposes and to avoid liability in pending lawsuits. *Maysonet-Robles v. Cabrero*, 323 F.3d 43, 51 (1st Cir. 2003) (upholding dismissal on immunity grounds even though assets of non-sovereign entity controlled by Puerto Rico, were transferred in the middle of litigation to a

sovereign entity created solely for the express purpose of asserting sovereign immunity to dismiss the lawsuit); *Kroll v. Bd. of Trustees of Univ. of Illinois*, 934 F.2d 904, 910 (7th Cir. 1991) (holding that Board of Trustees may assert sovereign immunity after becoming a party during the pendency of the case); *Surprenant v. Massachusetts Tpk. Auth.*, 768 F. Supp. 2d 312, 318 (D. Mass. 2011) (“It may seem unfair that an immunity defense that was not available to the MTA can be bestowed on the MassDOT as its successor by legislative fiat.”).

That said, the repeated assertion that a tribe has absolute immunity in federal court is not borne out by case law. Although the Supreme Court has not weighed in on this matter, lower courts agree that tribes may be subject to counterclaims in recoupment when they have been pleaded properly and have been fully considered and vetted by the court, so as to ensure they fit within existing sovereign immunity parameters. *See e.g., Quinault Indian Nation v. Pearson for the Estate of Comenout*, 868 F.3d 1093, 1100 (9th Cir. 2017). Where the Tribe, or any other sovereign entity, sues an alleged infringer, it will be bound with the final decision of the court, if it is found that there was not infringement or the patent itself was invalid.

The fact that immunity upsets litigation opponents is not new. The Supreme Court has noted that, in the economic context of tribal commercial enterprises, “immunity can harm those who are unaware that they are dealing with a tribe, who do not know of tribal immunity, or who have no choice in the matter, as in the case of tort victims.” *Kiowa*, 523 U.S. at 758. Yet, the Supreme Court has never voided a contract or otherwise declared a tribal activity so questionable as to justify abrogation of immunity based on policy concerns.

3. Tribes Have Been Innovators for Centuries and Are Entitled to the Same Treatment as State Universities

Indian tribes were the first innovators on this continent. However, due to a long history of land theft, indigenous knowledge and culture has been appropriated without compensation for centuries. Furthermore, in its current capacity, the Tribe is limited in its ability to protect its original gaming technology, traditional remedies and healing techniques, food practices, and traditional lacrosse manufacturing. The Tribe’s Office of Technology Research and Patents was created to stop this trend. The Office will be an active participant in any proceedings to protect tribal ownership of all its intellectual property.

Despite this evidence and long history, the Tribe continues to be discredited as “innovators” and is portrayed as the only sovereign entity that has received an assignment of a patent that it did not invent. Nothing could be further from the truth. In fact, thousands of patents have been transferred to California and New York universities in the last several years, as we explain in great detail below. These transfers are exactly like the recent transaction involving Allergan. For example, Bristol Myers Squibb transferred the patent for Juxtapid (a cholesterol reducing medication) to the University of Pennsylvania. As a result, any litigation over the validity of this patent will be conducted in federal district court under Hatch/Waxman, not the constitutionality suspect PTAB. Despite this example and the thousands of similar transfers it represents at the state university level, the myth that Indian tribes are somehow misusing or not entitled to exercise sovereign immunity because they have received assignments of patents continues to be perpetuated by the infringer lobby and others.

4. In the Pharmaceutical Context, State and Tribal Immunity from IPR Proceedings will not Delay Access to Generic Drugs or Raise Drug Prices

The Tribe’s business rivals have sown fear and anxiety that Allergan and the Tribe will delay access to generic drugs for the American public, insulate pharmaceutical patents from review, and take advantage of consumers. These concerns reflect a misunderstanding of the federal statutes that govern tribal sovereignty and market entry of generic drugs. That should not be a surprise considering who some of these companies are. For instance, Mylan, the Epipen price gouging company that paid \$465 million in fines for that outrage,

feels no shame in denigrating the Tribe and all of Indian Country in its attempt to spread false information about generic entry into the prescription drug market. In reality, in 2016 nearly 90 percent of all prescription medications filled in the United States were filled with generic brands – manufactured by the same companies who argue with a straight face that it is the Tribe who is the cause of high drug prices in the United States.

More importantly, it is the Tribe's job, as a sovereign government, to provide healthcare services to its community members and is acutely aware of the cost of pharmaceutical drugs and the financial challenges faced by so many families. Currently, 10 percent of the Tribe's overall healthcare budget is dedicated to pharmacy costs. The Tribe is providing governmental services to its members, not maximizing shareholder value. To suggest the Tribe would engage in price-gouging or hinder access to medicine is in complete opposition of the core values of the Tribe and its own financial interest. Furthermore, generic drugs have already saturated the market. New research is finding that the cost of generic drugs is rising, not due to state or public university involvement in the sector, but due to below cost pharmacy reimbursements, low maximum allowable cost prices, difficulty sourcing alternative medications to fit patients' budgets, medication non-adherence costs, and inaccurate price forecasts. This is further compounded by the fact that Congress has legislatively prohibited the United States from negotiating with drug companies to reduce the costs of drugs provided through Medicare.

Recommendations as the Committee Moves Forward

As the Committee explores the intersection of sovereign immunity and intellectual property, certain fundamental principles must be respected:

1. Maintain Parity for Tribal Governments with States and Public Universities.

Tribal governments, like the SRMT, possess the same sovereign authority exercised by state governments and public universities to partner with companies to bring products to the market while retaining title of intellectual property developed. We encourage the Committee to look at the practices of the various states and the positive impacts of state and public university ownership of Orange Book-listed patents are having on your constituents. In particular, the University of California system, the University of Minnesota, the University of Florida and the University of Maryland have all relied on sovereign immunity to avoid PTAB proceedings. Moreover, the Universities of Minnesota and California are presently invoking immunity as a companion strategy to the parallel patent infringement litigation they are involved in.

According to the USPTO, in 2012, every state had at least one university, foundation or other institution that owned a patent. In fact, roughly 4,797 Orange Book-listed patents, were acquired by states and their public universities. This is an increase from 1985, more than 25 years ago, when U.S. colleges and Universities owned less than one percent of all patents. Despite this increase in patent ownership, state and public university patent acquisitions have not been questioned as to whether their sovereign immunity is at fault for rising drug prices and the declining U.S. patent system.

According to USPTO, in 2012 your own states and public universities in California and New York have been long-time Orange-book patent owners. In California, UC Berkley, Stanford University, Stanford University Medical Center, California Institute of Technology, University of Southern California, Scripps Research Institute, Scripps Clinic and Research Foundation, Loma Linda University Medical Center, University of California Office of Technology Transfer, Alfred E. Mann Institute for Biomedical Engineering at the University of South California, Loma Linda University, San Diego State University, Research and Education Institute – UCLA Medical Center, Los Angeles Biomedical Research Institute at Harbor UCLA Medical Center, California Institute Research Foundation, California Polytechnic State University Foundation, California Polytechnic State University Corporation, Keck Graduate Institute, Cal State Fresno Foundation, Research and Education Institute Inc., Ambassador College, Cal State Fullerton

Foundation, Harvey Mudd College, San Diego State University Research Foundation, San Jose State University Foundation, San Jose State University Foundation, University of the Pacific, Western University of Health Sciences, California State University, Humboldt State University Foundation, Loma Linda University Adventist Health Sciences Center, The University Foundation – California State University, USC Stevens Center for Innovation, Art Center College of Design, California Institute of Technology – Jet Propulsion Lab, Chapman College, Charles R. Drew University of Medicine and Science, Jesuit Community at Loyola University, Pepperdine University, San Diego State College Foundation, and USC/Norris Comprehensive Cancer Center **owned a total of 14,147 patents, with 7,276 acquired in 2012.**

In New York, Cornell Research Foundation, Columbia University, Research Foundation of State University of New York, Research Corporation, New York University, Rockefeller University, University of Rochester, Rensselaer Polytechnic Institute, Albert Einstein College of Medicine of Yeshiva University, Cold Spring Harbor Laboratory, Syracuse University, Mount Sinai School of Medicine of the City University of New York, State University of New York, Polytechnic Institute of New York, Research Foundation for the City University of New York, Mount Sinai School of Medicine, New York Institute of Technology, Rochester Institute of Technology, Fordham University, Alfred University, Polytechnic Institute of New York University, Albany Medical College, NY Medical College, Research Foundation of CCNY, NYU Medical Center, Alfred University Research Foundation, Syracuse University Research Corporation, Clarkson University, the Cooper Union for the Advancement of Science and Art, Yeshiva University, Mount Sinai Research Foundation, NYU School of Medicine, St. John's University, Adelphi University, Brooklyn College, Daemen College, Dowling College, Long Island University, Manhattan College, Pace University, State Education Department of the University of State of New York, City College of New York, New York Chiropractic College, New York University and Juridical Foundation, RIT Research Corporation, Siena College, Mount Sinai Medical Center of CUNY, Touro College, and Union College **owned a total of 7,190 patents, with 335 acquired in 2012.** For more information on other states' rates of Orange Book-listed patents, please see the appendix.

2. Understand the Role of Indian Tribes in our Federal system

Despite the insulting and inflammatory rhetoric of the Tribe's opponents, the Tribe is not a hedge fund and its sovereignty is not for sale or rent. Partnerships like this allow Indian tribes to open new revenue streams that will help offset budget shortfalls for housing, healthcare, eldercare, education, and language preservation services due to inadequate annual funding levels, sequestration, a limited ability to tax, and limited economic development opportunities due to its rural location.

For instance, SRMT is plagued with chronic illness and the community has disproportionately high rates of diabetes and cancer, as a result of the environmental pollutants from three superfund sites located upstream and upwind from the territory. In 2016, SRMT's total healthcare budget was \$18.2 million. Despite receiving health dollars from federal appropriations, and \$1 million in Medicaid, the Tribe has to subsidize the remaining budget shortfall with its already limited resources. Sequestration and elimination of certain EPA programs have hindered the Tribes' ability to mitigate the impacts of these environmental health hazards, fully remediate the Superfund sites, and adequately monitor air quality, which further adds costs to the already insufficient healthcare budget.

Another false concern raised is that the Tribe is merely a shell company. This could not be further from the truth. The Tribe has created an Office of Technology Research and Patents that will be an active participant in any proceedings to protect tribal ownership of all its intellectual property. Its interest in the intellectual property and health care sector long precedes the Tribe's transaction with Allegan. In 2015, the Tribe began exploring potential partnerships related to the treatment of diabetic wound care and lung cancer; diseases that impact the Tribe's community at nearly twice the rate of the surrounding community. This partnership culminated in an official invitation from the Ministry of Public health in Cuba for the Tribal Chiefs to visit Cuba in the spring of 2016, tour medical facilities, research centers and meet with Public Health officials

in order to further the partnership on these cutting edge treatments as they move through the process of FDA approval. As a sovereign government, the Tribe has a duty to its citizens to protect its investments and cannot responsibly rely on its partners to enforce its sovereign rights.

Finally, in its role as a government, the Tribe has been seeking opportunities that allow it to gain more knowledge on business models and the regulatory framework that protects intellectual property – specifically keeping in mind how the Tribe can use this framework to protect its own traditional ecological knowledge and other innovations.

3. Recognize the Current System is Not Working

Additional accusations contend that the purpose of the IPR proceedings is to ensure generic drug companies have efficient access to patent review proceedings, to increase access to important medicines, and to keep drug prices low. In reality, IPR proceedings were established in the U.S. Patent and Trademark Office in 2012 in response to concerns from the high-technology sector. IPR proceedings were intended to be a cheaper and quicker alternative to federal court litigation over frivolous patent claims. Today, roughly 80 percent of patents are reviewed through IPR proceedings. While it has proven efficient for tech patents, it has become controversial for pharmaceutical patents, which were never discussed when the IPR system was created.

For Orange Book-listed patent owners, IPR proceedings allow repetitive attacks on patents, lack finality and due process, and use legal standards that are systematically unfavorable to patentees. IPR is often used together with district court litigation for multi-pronged attacks on the same patents in different forums. For patent challengers IPR can be an effective form of answer-shopping. For patentees, they are a form of double jeopardy. This Committee should focus its attention on making badly needed reforms to the system rather than blaming the Tribe for nonexistent problems.


For decades prior to the Leahy-Smith America Invents Act (“AIA”), HWA ensured that all duly issued U.S. patents protected by the presumption of validity, a clear and convincing evidence standard and the right to a trial before a jury overseen by an Article III judge on the issue of validity. As a result of the IPR abuses, where a federal district court typically invalidates about 28 percent of patents, IPRs have invalidated 76 percent. Because there is no limit on the number of IPRs that can be filed against a patent, challengers can keep filing IPRs until they win, practically an inevitable outcome given the high rate of invalidation.

This Committee should not be fooled by the false narrative that the IPR process strengthens the US patent system. Since passage of the AIA, the U.S. has fallen from 1st to 10th in the annual global ranking of the strength of its patent system, as ranked by the United States Chamber of Commerce. The Chamber of Commerce report attributes this decline specifically to IPR and its “high rate of trial and of rejections ... with challenges ... disproportionately funded by bad faith actors and with steeply increasing defense costs for patent holders.”

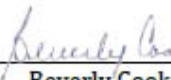
We thank you for your leadership on this matter and appreciate your consideration of our request. We hope that we can continue working, as governmental partners, to seek important opportunities that allow us to provide our constituents with the resources and services they need.

Skén:nen | In peace,

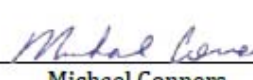
THE SAINT REGIS MOHAWK TRIBAL COUNCIL



Eric Thompson
Tribal Chief



Beverly Cook
Tribal Chief



Michael Conners
Tribal Chief

U.S. PATENT AND TRADEMARK OFFICE
Patent Technology Monitoring Team (PTMT)

U.S. COLLEGES AND UNIVERSITIES-
UTILITY PATENT GRANTS,
CALENDAR YEARS 1969-2012

- this report was created with support from the [National Science Foundation](#) -

BREAKOUT BY UNIVERSITY ASSIGNEE -
PATENTS DISTRIBUTED BY CALENDAR YEAR OF GRANT

NUMBER OF UTILITY PATENTS ASSIGNED ANNUALLY
TO U.S. COLLEGES AND UNIVERSITIES

- [Explanation of Data](#) -

Rank Ordered Listing of Assignee Names Receiving 1 or More Utility Patents During the Period

This Table Provides a Detail Breakout with Separate Counts
for Each Identified Assignee Name Associated With:

ALL U.S. UNIVERSITIES

(count of patent grants, as distributed by calendar year of grant)
(patent ownership is determined by the first-named assignee listed on a patent)

Annual patent counts for the university.
Counts of granted patents are distributed by the year of patent grant.
Multiple assignee names may be associated with a university.

Organizational Identifier	State	PRE_1992	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
UNIVERSITY OF CALIFORNIA, THE REGENTS OF	CA	831	79	112	154	203	255	264	386	434	432	401	430	437	422	388	410	333	237	251	349	323	357	7488
MASSACHUSETTS INSTITUTE OF TECHNOLOGY	MA	1210	125	112	99	104	119	102	138	142	113	125	135	127	132	136	139	141	134	134	174	160	216	4017
STANFORD UNIVERSITY	CA	472	42	50	62	54	55	64	79	83	103	84	102	85	75	90	98	85	120	110	155	153	182	2403
CALIFORNIA INSTITUTE OF TECHNOLOGY	CA	446	32	29	46	37	24	46	93	99	103	124	110	139	135	101	115	116	96	93	134	111	136	2365
UNIVERSITY OF TEXAS	TX	308	73	86	97	89	87	81	96	91	89	89	91	94	99	89	107	90	79	98	122	125	141	2321
WISCONSIN ALUMNI RESEARCH FOUNDATION	WI	381	39	53	48	44	64	62	83	86	64	72	80	84	64	77	101	91	90	115	136	144	155	2133
JOHNS HOPKINS UNIVERSITY	MD	239	20	33	23	28	27	47	79	97	72	80	81	70	94	71	91	62	66	56	71	70	79	1556
CORNELL RESEARCH	NY	282	41	35	39	36	52	50	64	64	49	61	35	59	40	41	61	54	50	52	74	51	33	1323

FOUNDATION INC.																								
UNIVERSITY OF MICHIGAN	MI	132	21	19	28	30	25	53	50	51	69	51	47	63	67	71	69	47	66	54	78	79	97	1267
COLUMBIA UNIVERSITY	NY	80	17	17	18	18	33	35	55	55	51	58	46	61	52	57	54	55	54	46	82	76	78	1098
UNIVERSITY OF PENNSYLVANIA	PA	89	26	34	37	25	45	55	69	59	31	52	45	29	32	43	47	39	45	38	77	59	78	1054
UNIVERSITY OF MINNESOTA, THE REGENTS OF	MN	290	31	28	28	25	31	32	43	49	46	38	41	39	43	36	36	31	27	34	34	37	38	1037
IOWA STATE UNIVERSITY RESEARCH FOUNDATION INC.	IA	371	23	28	37	37	38	36	53	44	34	28	19	26	25	13	24	22	12	31	25	16	14	956
RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK	NY	66	29	28	34	30	37	45	51	54	52	40	54	34	37	24	42	29	39	57	61	43	46	932
GEORGIA TECH RESEARCH CORP.	GA	125	16	16	20	21	22	16	17	33	37	32	36	43	37	42	54	50	42	41	67	69	80	916
UNIVERSITY OF ILLINOIS	IL	63	10	13	14	12	16	17	21	29	26	34	31	39	58	34	51	45	47	65	85	90	85	885
UNIVERSITY OF WASHINGTON	WA	49	11	11	13	17	25	37	47	47	59	43	41	36	31	32	37	39	42	51	74	45	70	857
HARVARD COLLEGE, PRESIDENT AND FELLOWS	MA	114	16	17	16	14	32	28	49	41	26	32	48	40	41	26	34	43	43	34	47	56	52	849
MICHIGAN STATE UNIVERSITY	MI	67	19	13	21	15	32	41	59	53	42	39	49	49	28	24	32	35	46	42	39	33	30	808
DUKE UNIVERSITY	NC	66	8	12	29	20	37	21	28	33	32	55	38	40	26	25	51	29	33	32	42	39	41	737
NORTH CAROLINA STATE UNIVERSITY	NC	61	24	27	32	30	26	24	26	23	24	31	33	44	42	39	34	31	34	25	34	38	38	720
UNIVERSITY OF SOUTHERN CALIFORNIA	CA	105	18	13	15	6	15	18	16	13	15	20	31	27	31	25	35	25	39	38	60	54	83	702
SCRIPPS RESEARCH INSTITUTE	CA	0	9	28	24	36	27	26	58	42	36	55	32	28	19	29	40	32	42	32	33	29	32	689
PURDUE RESEARCH FOUNDATION	IN	211	5	6	11	10	12	24	20	18	10	13	23	21	23	25	24	32	21	41	51	41	42	684
RESEARCH CORPORATION	NY	669	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	670
NORTHWESTERN UNIVERSITY	IL	94	8	8	12	17	10	27	35	23	17	33	27	21	18	18	19	24	27	35	58	64	70	665
UNIVERSITY OF MARYLAND	MD	19	14	20	14	21	20	15	24	32	24	24	25	31	29	22	40	29	31	33	52	52	61	632
NEW YORK UNIVERSITY	NY	76	11	19	15	14	18	21	22	23	24	29	19	22	23	14	26	41	20	37	59	49	46	628
UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED	FL	6	6	5	8	10	21	18	26	22	14	15	21	15	20	40	60	57	43	51	42	54	70	624
UNIVERSITY OF FLORIDA	FL	187	36	29	18	21	15	25	26	28	50	36	21	44	21	24	19	5	2	3	1	0	0	611
UNIVERSITY OF PITTSBURGH	PA	91	10	10	10	13	11	17	31	39	38	38	22	22	24	18	23	18	30	25	30	30	43	593

PENN STATE RESEARCH FOUNDATION, INC.	PA	0	0	4	10	16	20	19	26	35	37	50	47	51	38	29	29	27	27	29	39	27	32	592
UNIVERSITY OF UTAH RESEARCH FOUNDATION	UT	34	5	10	16	13	24	22	32	30	17	38	24	14	21	17	22	27	25	27	47	45	79	589
UNIVERSITY OF NORTH CAROLINA	NC	29	11	14	13	21	22	39	29	43	27	36	22	29	24	30	21	30	24	20	39	26	39	588
UNIVERSITY OF SOUTH FLORIDA	FL	12	5	7	4	6	13	14	18	18	20	15	19	11	30	18	32	28	34	35	83	86	79	587
WASHINGTON UNIVERSITY	MO	68	17	18	19	21	18	22	40	50	36	37	19	22	20	15	19	17	15	15	22	29	25	564
UNIVERSITY OF CENTRAL FLORIDA	FL	1	0	4	4	6	9	14	12	14	11	19	16	26	29	23	32	31	40	53	60	67	72	543
PRINCETON UNIVERSITY	NJ	34	4	11	7	12	13	16	24	30	28	39	36	31	21	32	23	29	30	27	28	37	24	536
UNIVERSITY OF IOWA RESEARCH FOUNDATION	IA	82	7	11	9	17	11	14	25	29	16	38	25	30	17	16	28	26	22	21	32	25	31	532
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH	MN	11	9	9	4	6	12	17	20	28	18	27	26	29	28	27	26	25	29	23	60	41	48	523
TEXAS A AND M UNIVERSITY	TX	67	14	22	20	16	14	14	21	23	19	25	29	19	24	24	24	26	15	18	26	19	34	513
YALE UNIVERSITY	CT	56	12	14	13	16	7	20	34	28	29	29	25	28	19	23	21	16	7	24	27	34	24	506
RUTGERS UNIVERSITY	NJ	28	12	15	18	20	18	21	26	31	25	21	35	24	21	18	31	21	24	11	20	23	28	491
OHIO STATE UNIVERSITY	OH	190	17	8	5	10	9	13	11	13	22	11	13	13	23	21	22	10	6	9	16	14	17	473
ROCKEFELLER UNIVERSITY	NY	69	23	23	13	9	8	20	35	34	42	25	32	13	15	5	21	3	19	17	11	17	15	469
UNIVERSITY OF KENTUCKY RESEARCH FOUNDATION	KY	91	7	4	3	11	13	14	19	25	24	19	31	22	17	19	23	13	19	22	30	20	23	469
UNIVERSITY OF CHICAGO	IL	29	0	6	13	16	13	22	22	25	16	27	28	27	41	24	37	19	15	15	14	16	14	439
UNIVERSITY OF ROCHESTER	NY	112	10	11	10	6	3	5	15	7	12	16	19	18	15	15	25	19	19	27	20	22	27	433
CARNEGIE-MELLON UNIVERSITY	PA	36	10	4	8	10	13	9	26	27	33	12	19	25	25	7	30	15	13	10	26	21	36	415
UNIVERSITY OF NEBRASKA, THE BOARD OF REGENTS OF	NE	39	4	10	16	21	29	24	25	23	27	18	24	18	20	12	18	14	18	8	16	10	12	406
UNIVERSITY OF MISSOURI	MO	79	9	8	7	10	8	16	13	16	6	12	14	17	18	8	20	15	11	16	26	27	35	391
LOUISIANA STATE UNIVERSITY	LA	39	20	16	11	14	14	20	37	15	20	34	19	17	11	15	13	14	15	5	10	12	17	388
UNIVERSITY OF ARKANSAS	AR	19	16	8	10	5	6	8	9	30	18	28	17	25	16	17	23	16	14	16	26	26	34	387
VANDERBILT UNIVERSITY	TN	38	4	7	6	9	6	11	16	14	21	20	20	21	21	16	22	17	16	17	19	30	32	383
BOSTON UNIVERSITY	MA	66	22	14	14	14	16	20	19	15	16	18	14	15	10	10	8	13	10	11	19	13	24	381
UNIVERSITY OF MASSACHUSETTS	MA	8	0	0	1	1	2	1	14	39	11	11	11	15	15	9	16	14	23	36	50	47	54	378
THOMAS JEFFERSON UNIVERSITY	PA	50	8	9	13	14	15	25	29	26	26	36	29	21	10	8	5	9	4	7	14	2	5	365

EMORY UNIVERSITY	GA	22	6	14	5	11	12	12	35	26	20	18	28	22	17	11	19	13	10	10	23	11	9	354
UNIVERSITY OF VIRGINIA ALUMNI PATENTS FOUNDATION	VA	56	9	6	5	9	13	12	15	15	10	15	9	20	6	9	11	13	21	14	27	28	28	351
CASE WESTERN RESERVE UNIVERSITY	OH	39	9	6	8	8	6	9	15	28	18	18	22	14	10	11	11	6	9	16	19	28	33	343
VIRGINIA TECH INTELLECTUAL PROPERTIES, INC.	VA	22	16	7	14	3	11	16	16	20	13	9	10	13	13	12	24	28	13	27	23	11	13	334
UNIVERSITY OF CONNECTICUT	CT	21	9	9	2	8	9	13	11	17	13	7	13	13	10	18	28	19	21	17	23	20	25	326
UNIVERSITY OF GEORGIA RESEARCH FOUNDATION, INC.	GA	43	10	18	7	10	12	11	18	10	18	18	20	12	8	11	5	7	7	13	18	19	29	324
BAYLOR COLLEGE OF MEDICINE	TX	53	6	9	9	4	15	15	27	19	26	12	17	15	13	7	14	12	16	6	10	8	6	319
UAB RESEARCH FOUNDATION	AL	2	4	4	4	6	5	13	18	31	22	25	21	41	31	13	14	15	4	11	9	10	12	315
UNIVERSITY OF OKLAHOMA	OK	26	7	13	7	11	9	16	9	15	17	20	8	10	3	6	22	22	11	18	26	17	11	304
UNIVERSITY OF DELAWARE	DE	133	10	5	4	5	5	4	6	2	3	5	9	7	9	6	5	10	12	14	20	12	16	302
UNIVERSITY OF AKRON	OH	74	11	9	17	11	12	5	9	12	11	13	11	9	14	8	7	7	7	6	10	11	20	294
WILLIAM MARSH RICE UNIVERSITY	TX	2	0	2	2	0	4	2	1	2	2	6	9	6	21	20	31	24	25	23	34	34	35	285
FLORIDA STATE UNIVERSITY	FL	9	2	9	5	10	8	6	13	9	14	7	19	12	9	11	13	13	7	14	35	23	32	280
RENSSELEAR POLYTECHNIC INSTITUTE	NY	40	2	7	7	7	12	6	4	5	9	8	6	14	13	14	17	26	10	17	23	9	16	272
ARIZONA STATE UNIVERSITY	AZ	35	6	2	5	7	17	8	5	7	6	8	9	6	11	12	15	11	14	14	15	17	34	264
UNIVERSITY OF COLORADO, THE REGENTS OF	CO	5	0	0	2	8	14	20	16	7	2	3	3	14	13	11	20	12	21	15	24	27	23	260
UNIVERSITY OF UTAH	UT	169	8	10	6	4	8	9	5	4	3	5	5	5	3	1	0	2	2	1	3	1	6	260
WAYNE STATE UNIVERSITY	MI	53	16	12	14	9	8	8	10	10	8	12	11	5	6	8	13	8	5	10	7	12	13	258
OREGON HEALTH SCIENCES UNIVERSITY	OR	16	5	5	6	10	12	16	13	13	21	13	14	8	11	6	8	9	11	11	11	16	13	248
ALBERT EINSTEIN COLLEGE OF MEDICINE OF YESHIVA UNIVERSITY	NY	27	1	4	3	3	11	6	14	10	17	17	15	11	14	9	13	5	9	6	19	11	13	238
UNIVERSITY OF CINCINNATI	OH	44	7	8	7	8	7	10	5	5	16	16	12	9	8	7	8	8	7	4	15	14	9	234
UNIVERSITY OF TENNESSEE RESEARCH CORPORATION	TN	76	12	3	5	14	8	12	9	12	16	22	31	4	3	1	2	2	1	0	0	1	0	234
TUFTS UNIVERSITY	MA	19	7	9	6	3	7	4	10	6	9	12	12	11	11	8	15	8	6	13	13	16	26	231

DARTMOUTH COLLEGE	NH	20	1	4	4	3	4	2	9	8	11	7	8	9	10	7	16	16	9	11	17	21	24	221
TEMPLE UNIVERSITY	PA	65	14	9	9	11	7	9	6	5	4	6	8	12	8	5	7	4	3	7	2	7	11	219
UNIVERSITY OF MEDICINE AND DENTISTRY OF NEW JERSEY	NJ	28	6	1	4	5	3	7	15	9	5	14	5	12	8	4	18	9	9	10	15	17	14	218
UNIVERSITY PATENTS, INC.	CT	201	9	1	2	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	215
THE OHIO STATE UNIVERSITY RESEARCH FOUNDATION	OH	1	4	2	5	7	13	14	13	9	4	9	6	6	11	8	8	8	9	12	19	23	23	214
KANSAS STATE UNIVERSITY RESEARCH FOUNDATION	KS	65	7	8	20	11	9	4	7	12	8	9	8	7	9	2	2	3	3	2	7	4	5	212
GEORGETOWN UNIVERSITY	DC	34	5	5	7	6	7	8	11	8	13	8	8	12	9	1	8	8	5	8	7	11	12	201
CLEMSON UNIVERSITY	SC	33	10	4	10	8	7	9	8	2	3	6	7	13	10	11	13	9	7	5	16	2	1	194
NORTHEASTERN UNIVERSITY	MA	22	11	10	15	16	11	12	11	9	15	6	4	2	8	8	4	4	3	3	8	4	8	194
RESEARCH TRIANGLE INSTITUTE	NC	45	4	7	7	7	2	4	6	10	10	8	5	13	7	6	11	7	3	6	4	12	6	190
UNIVERSITY OF NEW MEXICO	NM	37	11	5	9	15	8	13	12	15	23	13	14	6	1	1	0	1	0	0	0	0	0	184
UCHICAGO ARGONNE LLC	IL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	25	37	23	32	31	31	182
NEW JERSEY INSTITUTE OF TECHNOLOGY	NJ	4	2	0	1	2	2	6	6	8	9	4	6	5	7	0	6	7	11	13	20	28	34	181
SCIENCE & TECHNOLOGY CORPORATION AT UNIVERSITY OF NEW MEXICO	NM	0	0	0	0	0	0	1	0	0	0	0	4	13	13	12	8	10	13	16	20	31	38	179
BROWN UNIVERSITY RESEARCH FOUNDATION	RI	17	5	1	4	6	6	9	18	18	12	19	7	13	8	8	8	4	6	1	2	2	2	176
BRIGHAM YOUNG UNIVERSITY	UT	45	9	13	3	3	2	5	2	2	4	2	6	2	7	3	11	12	5	9	12	1	13	171
WAKE FOREST UNIVERSITY	NC	8	0	3	4	1	6	6	6	9	11	11	6	8	13	3	8	9	6	5	15	11	22	171
AUBURN UNIVERSITY	AL	1	4	0	2	2	1	3	6	9	8	8	8	5	9	11	10	14	8	16	15	10	14	164
UNIVERSITY OF MIAMI	FL	49	5	2	5	5	5	14	3	2	3	3	6	8	3	3	2	5	4	4	4	3	21	159
UNIVERSITY OF ARIZONA	AZ	5	1	3	6	5	4	10	8	7	5	3	8	6	8	3	10	14	10	6	11	18	7	158
OREGON STATE UNIVERSITY	OR	17	9	5	11	6	3	7	8	3	2	8	6	5	9	6	7	6	4	5	6	8	12	153
WASHINGTON STATE UNIVERSITY RESEARCH FOUNDATION	WA	31	3	2	4	3	2	5	5	9	9	13	7	7	6	7	4	3	8	1	7	9	8	153
UNIVERSITY OF ALABAMA	AL	49	3	2	3	3	8	6	9	6	4	7	8	1	8	4	2	3	6	4	1	7	7	151
UNIVERSITY OF HAWAII	HI	24	5	8	6	7	6	5	6	8	10	4	6	6	4	6	10	7	7	6	5	2	3	151
DREXEL UNIVERSITY	PA	13	2	5	6	4	1	2	5	4	4	5	7	3	5	1	1	4	7	10	18	19	20	146

VIRGINIA COMMONWEALTH UNIVERSITY	VA	3	3	6	2	2	4	7	6	18	18	9	9	11	4	1	5	8	5	5	7	4	7	144
UNIVERSITY OF DAYTON	OH	42	1	3	2	4	4	2	7	7	5	5	6	2	4	1	5	7	3	4	11	7	8	140
UNIVERSITY OF TOLEDO	OH	25	4	7	6	14	7	9	6	5	4	5	4	3	5	2	4	2	4	1	5	7	11	140
INDIANA UNIVERSITY FOUNDATION	IN	75	6	1	7	6	8	11	11	4	5	1	2	0	0	0	1	0	0	0	0	0	0	138
UNIVERSITY OF ILLINOIS FOUNDATION	IL	135	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	135
MICHIGAN TECHNOLOGICAL UNIVERSITY	MI	64	6	3	3	2	3	0	0	2	3	1	3	2	5	6	5	8	2	4	5	5	2	134
COLORADO STATE UNIVERSITY RESEARCH FOUNDATION	CO	22	1	4	1	1	6	2	8	5	4	4	11	5	4	2	3	5	6	4	9	9	14	130
UNIVERSITY OF KANSAS	KS	8	7	3	2	2	3	1	5	8	4	3	9	6	4	3	0	4	5	13	9	3	23	125
SCRIPPS CLINIC AND RESEARCH FOUNDATION	CA	91	12	10	5	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	121
UNIVERSITY OF TENNESSEE RESEARCH FOUNDATION	TN	0	0	0	0	0	0	0	0	0	0	0	0	3	4	7	12	13	9	14	23	19	13	117
TULANE EDUCATIONAL FUND	LA	21	5	6	6	4	7	4	9	2	6	5	6	7	2	0	3	3	7	3	4	1	5	116
KENT STATE UNIVERSITY	OH	6	2	3	3	4	4	3	5	5	5	6	2	3	2	8	7	6	5	3	13	8	12	115
UNIVERSITY OF SOUTH CAROLINA	SC	16	6	2	3	0	3	4	1	4	1	5	2	3	2	2	7	4	3	3	5	14	25	115
ILLINOIS INSTITUTE OF TECHNOLOGY	IL	4	1	4	0	7	3	4	4	4	1	4	7	7	4	5	6	8	6	4	8	7	14	112
BRANDEIS UNIVERSITY	MA	22	4	2	2	3	6	4	9	6	4	1	2	9	4	1	5	3	2	5	4	5	4	107
COLD SPRING HARBOR LABORATORY	NY	4	0	0	1	2	4	5	5	20	13	8	6	8	2	4	1	3	2	3	3	5	8	107
SYRACUSE UNIVERSITY	NY	28	5	5	3	1	2	9	7	4	3	0	2	1	1	1	3	1	4	4	8	6	8	106
LOMA LINDA UNIVERSITY MEDICAL CENTER	CA	6	1	2	2	7	5	1	5	5	4	3	4	5	4	2	7	7	5	3	6	9	11	104
UNIVERSITY OF IDAHO RESEARCH FOUNDATION, INC.	ID	20	5	8	4	5	7	6	5	2	5	6	4	4	1	2	9	1	3	3	3	0	0	103
OKLAHOMA STATE UNIVERSITY	OK	27	2	0	0	3	2	0	2	5	3	1	5	3	7	7	3	6	4	4	4	4	10	102
UNIVERSITY OF HOUSTON	TX	5	0	2	2	6	4	4	4	2	9	6	4	12	2	4	1	3	4	7	3	10	8	102
HARBOR BRANCH OCEANOGRAPHIC INSTITUTE, INC.	FL	51	5	4	4	4	2	2	1	1	4	3	6	4	3	1	4	1	0	0	0	0	0	100
ASSOCIATED UNIVERSITIES, INC.	DC	19	5	5	14	12	12	13	9	1	0	0	0	0	0	1	1	0	0	2	1	1	0	96
LEHIGH UNIVERSITY	PA	29	6	4	3	1	1	0	2	2	4	3	3	4	1	3	1	1	2	5	3	6	6	90

MOUNT SINAI SCHOOL OF MEDICINE OF THE CITY UNIVERSITY OF NEW YORK	NY	34	3	3	2	3	8	10	10	6	4	2	3	1	0	0	0	1	0	0	0	0	0	90
STATE UNIVERSITY OF NEW YORK	NY	74	5	2	3	1	0	0	0	0	2	1	0	0	0	0	0	0	0	0	2	0	0	90
OHIO UNIVERSITY	OH	6	1	3	3	5	3	1	6	2	3	2	3	6	2	3	3	5	2	5	7	11	7	89
UNIVERSITY OF NOTRE DAME	IN	26	1	2	3	0	2	2	4	0	1	2	3	1	2	5	1	6	1	4	5	8	10	89
ST. LOUIS UNIVERSITY	MO	9	1	0	0	1	1	2	3	10	2	5	7	4	3	5	3	2	1	5	9	7	8	88
ADVANCED RESEARCH AND TECHNOLOGY INSTITUTE, INC.	IN	0	0	0	0	0	0	0	5	6	8	18	14	16	8	3	4	1	2	0	1	1	0	87
UTAH STATE UNIVERSITY	UT	0	0	0	0	3	2	0	3	5	4	2	2	4	1	5	2	5	6	12	10	8	11	85
UNIVERSITY TECHNOLOGY CORPORATION	CO	0	0	0	0	0	0	2	11	18	16	17	14	2	1	1	1	0	0	1	0	0	0	84
UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH	CO	3	1	8	3	5	7	4	4	2	3	2	4	6	11	0	3	2	2	2	4	4	2	82
ARIZONA BOARD OF REGENTS	AZ	0	0	1	1	4	2	3	1	4	1	6	9	3	7	7	8	6	1	5	1	5	5	80
MISSISSIPPI STATE UNIVERSITY	MS	0	0	0	0	1	4	3	3	5	5	5	9	3	5	7	7	6	4	2	2	2	3	76
UNIVERSITY OF COLORADO FOUNDATION	CO	19	19	7	12	10	2	1	3	1	0	0	0	2	0	0	0	0	0	0	0	0	0	76
UNIVERSITY OF MARYLAND BIOTECHNOLOGY INSTITUTE	MD	0	0	0	0	0	0	3	0	5	2	9	6	14	6	5	4	5	7	6	4	0	0	76
UNIVERSITY OF VERMONT AND STATE AGRICULTURAL COLLEGE	VT	8	2	0	0	1	0	1	1	3	2	3	5	4	1	3	2	6	7	6	10	7	4	76
UNIVERSITY OF LOUISVILLE RESEARCH FOUNDATION INCORPORATED	KY	0	0	1	1	1	0	2	0	1	0	0	1	1	3	3	5	3	4	6	7	17	17	73
UNIVERSITY OF MISSISSIPPI	MS	22	1	2	0	1	4	2	0	3	4	1	3	0	3	1	3	4	8	1	4	4	0	71
POLYTECHNIC INSTITUTE OF NEW YORK	NY	16	1	1	0	1	3	3	3	1	2	2	5	4	1	3	6	5	3	0	2	6	1	69
STEVENS INSTITUTE OF TECHNOLOGY	NJ	7	0	0	1	1	2	2	1	6	5	3	3	1	5	4	2	3	2	4	3	4	10	69
UNIVERSITY OF SOUTHERN MISSISSIPPI	MS	17	1	2	0	1	1	1	1	6	5	5	1	3	3	7	2	2	3	0	4	3	1	69
GEORGE WASHINGTON UNIVERSITY	DC	5	0	2	0	0	3	3	3	2	7	3	7	3	0	1	2	2	1	6	3	7	8	68
RESEARCH FOUNDATION, THE CITY UNIVERSITY OF NEW YORK	NY	2	0	0	0	1	0	1	0	3	1	4	6	5	5	4	4	7	5	3	8	3	6	68

SOUTHERN ILLINOIS UNIVERSITY	IL	24	1	1	0	0	0	0	0	4	2	7	2	4	6	1	2	1	1	2	2	4	4	68
UNIVERSITY OF NEVADA	NV	1	1	0	1	0	1	0	0	1	1	2	2	1	2	1	1	4	5	9	6	15	14	68
MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY	NY	0	0	0	0	0	0	0	0	0	1	4	3	19	2	7	4	1	8	8	7	2	0	66
DUQUESNE UNIVERSITY OF THE HOLY GHOST	PA	0	1	0	1	3	4	1	5	9	5	4	7	3	4	1	2	0	0	2	0	6	7	65
UNIVERSITY OF MASSACHUSETTS AT LOWELL	MA	5	3	2	2	8	3	5	3	4	4	2	2	0	2	1	2	3	2	4	4	0	3	64
WRIGHT STATE UNIVERSITY	OH	34	1	4	3	0	0	2	1	1	0	0	0	3	0	2	1	0	1	2	3	3	3	64
SOUTHEASTERN UNIVERSITIES RESEARCH ASSOCIATION, INC.	VA	1	2	0	1	2	2	4	4	10	1	3	7	6	8	8	4	0	0	0	0	0	0	63
UNIVERSITY OF OREGON	OR	6	3	2	1	2	4	0	4	2	1	2	2	2	2	2	3	0	5	6	1	8	4	62
UNIVERSITY OF MASSACHUSETTS MEDICAL CENTER	MA	6	2	2	1	2	10	9	7	6	3	3	2	1	1	3	0	0	2	0	1	0	0	61
MT. SINAI SCHOOL OF MEDICINE	NY	0	0	0	2	1	1	2	4	6	3	1	1	4	1	1	2	2	5	0	5	11	8	60
UNIVERSITY OF WYOMING	WY	2	0	0	0	2	0	4	5	3	0	2	4	3	3	3	3	9	1	4	4	5	3	60
FLORIDA ATLANTIC UNIVERSITY	FL	2	0	3	3	1	0	3	3	1	2	3	1	1	5	3	5	5	4	2	3	5	4	59
MEDICAL UNIVERSITY OF SOUTH CAROLINA	SC	3	0	0	1	2	1	1	5	5	6	2	5	3	3	5	2	0	2	0	2	7	2	57
CLEMSON UNIVERSITY RESEARCH FOUNDATION	SC	0	0	0	0	0	0	0	0	0	1	1	14	4	1	0	0	1	1	1	15	4	13	56
INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION	IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	4	7	3	2	13	11	8	56
UNIVERSITY OF CALIFORNIA OFFICE OF TECHNOLOGY TRANSFER	CA	0	0	1	8	10	11	11	9	2	2	0	0	0	0	0	1	1	0	0	0	0	0	56
UNIVERSITY OF MAINE	ME	12	0	0	0	0	0	0	0	1	2	2	1	2	5	1	5	2	5	1	9	6	2	56
WEST VIRGINIA UNIVERSITY	WV	7	0	0	1	1	1	1	0	1	0	4	4	10	2	0	2	2	3	5	7	2	3	56
NEW YORK INSTITUTE OF TECHNOLOGY	NY	49	2	0	1	0	0	1	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	55
INSTITUTE OF PAPER SCIENCE AND TECHNOLOGY, INC.	GA	2	1	2	4	0	4	3	9	4	3	6	12	3	0	1	0	0	0	0	0	0	0	54
ROCHESTER INSTITUTE OF TECHNOLOGY	NY	2	0	0	1	0	1	0	0	1	0	1	3	6	4	3	1	9	3	3	1	8	6	53
WORCESTER POLYTECHNIC																								

INSTITUTE	MA	2	4	1	2	3	0	0	3	0	3	3	1	3	1	3	4	6	2	1	2	4	5	53
UNIVERSITY OF VIRGINIA	VA	33	0	1	0	1	0	1	5	0	4	3	0	1	0	0	0	1	0	0	1	0	1	52
EAST CAROLINA UNIVERSITY	NC	2	1	1	1	1	2	2	0	3	5	1	3	3	3	2	4	1	3	5	3	2	3	51
NORTH DAKOTA STATE UNIVERSITY RESEARCH FOUNDATION	ND	0	1	0	1	2	1	1	1	3	2	3	2	1	2	3	2	0	1	2	6	11	6	51
TEXAS TECH UNIVERSITY	TX	1	0	0	0	0	0	2	1	0	1	5	12	2	4	4	4	3	3	2	2	1	1	48
COLORADO SCHOOL OF MINES	CO	0	1	1	1	2	0	3	0	3	1	5	2	0	2	0	2	3	1	2	4	7	7	47
MEDICAL COLLEGE OF GEORGIA RESEARCH INSTITUTE, INC.	GA	3	0	0	0	0	0	0	1	0	2	0	11	1	2	2	1	2	1	2	4	4	9	45
FORDHAM UNIVERSITY	NY	0	0	0	0	0	0	0	2	4	8	2	21	0	1	0	0	0	0	1	2	1	0	42
ALFRED UNIVERSITY	NY	12	5	6	4	3	4	3	2	0	0	0	0	0	0	0	1	0	0	1	0	0	0	41
CLEVELAND STATE UNIVERSITY	OH	0	3	4	3	0	6	1	2	1	1	0	3	2	1	0	3	0	0	1	2	7	1	41
CORNELL UNIVERSITY	NY	2	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	4	3	9	21	41
POLYTECHNIC INSTITUTE OF NEW YORK UNIVERSITY	NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	10	15	14	41
LOYOLA UNIVERSITY OF CHICAGO	IL	3	1	3	1	2	2	4	2	4	3	3	1	3	0	1	0	1	2	1	1	0	2	40
UTAH STATE UNIVERSITY FOUNDATION	UT	22	2	2	2	5	4	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	40
ALBANY MEDICAL COLLEGE	NY	2	0	1	0	0	0	1	3	4	2	4	0	2	5	0	0	2	1	2	2	6	2	39
UNIVERSITY OF HOUSTON SYSTEM	TX	1	0	0	0	0	1	0	1	0	1	1	1	1	1	1	1	2	3	3	8	3	10	39
BAYLOR UNIVERSITY	TX	2	0	0	1	3	2	3	0	3	3	3	1	1	1	2	0	2	2	1	1	4	3	38
UNIVERSITIES RESEARCH ASSOCIATION, INC.	DC	6	3	3	4	1	4	3	2	1	2	1	0	0	0	2	4	0	0	1	0	1	0	38
UNIVERSITY OF KANSAS MEDICAL CENTER	KS	1	0	0	0	0	2	1	1	2	0	4	11	3	7	1	2	0	0	2	1	0	0	38
MONTANA STATE UNIVERSITY	MT	0	0	0	0	0	0	0	0	0	0	0	1	2	0	1	4	7	5	4	3	5	5	37
MEDICAL COLLEGE OF WISCONSIN RESEARCH FOUNDATION, INC.	WI	7	0	0	2	4	1	2	2	0	2	0	3	0	0	0	0	3	1	3	2	3	1	36
UNIVERSITY OF NEW HAMPSHIRE	NH	5	0	0	1	0	0	1	0	0	1	3	3	0	2	3	2	2	2	1	3	4	3	36
UNIVERSITY OF PUERTO RICO	PR	1	0	1	0	4	1	0	1	0	0	5	2	7	1	0	2	2	2	1	1	0	5	36
BOSTON COLLEGE	MA	0	1	0	0	0	0	0	0	0	0	0	0	0	1	6	3	4	6	3	6	1	3	34

BROWN UNIVERSITY	RI	2	0	0	0	0	0	0	0	1	0	0	0	0	0	3	0	4	4	8	7	3	2	34
LOUISIANA TECH UNIVERSITY FOUNDATION, INC.	LA	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	4	2	5	4	7	5	5	34
RESEARCH AND DEVELOPMENT INSTITUTE, INC. AT MONTANA STATE UNIVERSITY	MT	12	1	0	4	2	3	1	1	5	2	1	1	0	1	0	0	0	0	0	0	0	0	34
NEW MEXICO TECH RESEARCH FOUNDATION	NM	5	1	0	3	2	0	2	0	1	0	2	3	3	0	2	0	2	2	0	1	2	2	33
PHILADELPHIA, HEALTH AND EDUCATION CORPORATION	PA	0	0	0	0	0	0	0	0	0	0	1	1	1	2	2	0	4	1	4	6	3	8	33
WISYS TECHNOLOGY FOUNDATION, INC.	WI	0	0	0	0	0	0	0	0	0	0	0	0	2	6	2	2	4	1	4	4	3	5	33
CREIGHTON UNIVERSITY	NE	1	0	0	2	0	1	3	1	0	0	3	0	1	1	2	1	2	3	2	3	2	4	32
NEW MEXICO STATE UNIVERSITY TECHNOLOGY TRANSFER CORPORATION	NM	1	0	1	4	0	1	3	2	4	3	2	2	5	3	1	0	0	0	0	0	0	0	32
UNIVERSITY OF MONTANA	MT	1	0	1	1	2	0	3	2	3	1	3	0	2	0	4	2	0	1	0	4	2	0	32
UNIVERSITY OF RHODE ISLAND	RI	31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	32
ALFRED E. MANN INSTITUTE FOR BIOMEDICAL ENGINEERING AT THE UNIVERSITY OF SOUTHERN CALIFORNIA	CA	0	0	0	0	0	0	0	0	0	0	0	0	2	2	6	3	8	2	5	0	1	2	31
MEDICAL COLLEGE OF OHIO	OH	13	0	0	0	2	2	1	4	2	1	1	0	0	0	0	1	1	1	2	0	0	0	31
NORTHERN ILLINOIS UNIVERSITY	IL	2	0	2	2	1	1	3	0	5	0	1	0	2	1	0	1	0	0	2	1	4	3	31
PENNSYLVANIA RESEARCH CORPORATION	PA	11	7	6	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	31
UNIVERSITY OF WYOMING RESEARCH CORPORATION	WY	0	0	0	0	0	1	0	2	1	0	1	2	1	3	2	0	2	1	4	3	3	5	31
SOUTHERN METHODIST UNIVERSITY	TX	2	0	0	0	0	1	3	1	1	2	1	0	1	2	2	5	4	0	0	1	3	1	30
WOODS HOLE OCEANOGRAPHIC INSTITUTION	MA	7	0	0	2	1	2	2	2	0	0	1	0	1	1	0	2	0	1	3	0	2	3	30
UNIVERSITY OF NORTH DAKOTA ENERGY AND ENVIRONMENT RESEARCH CENTER FOUNDATION	ND	0	0	2	1	1	1	0	0	2	1	0	1	1	0	0	0	0	1	4	1	4	9	29
EASTERN VIRGINIA MEDICAL SCHOOL	VA	3	1	2	1	0	2	0	2	0	1	1	0	0	0	0	3	1	1	3	2	2	3	28
GEORGIA STATE																								

UNIVERSITY RESEARCH FOUNDATION	GA	2	1	1	2	1	0	3	1	0	1	1	0	0	0	1	0	1	1	3	2	2	5	28
MEDICAL COLLEGE OF WISCONSIN, INC.	WI	22	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2	1	28	
BAYLOR RESEARCH INSTITUTE(FORMERLY BAYLOR RESEARCH FOUNDATION)	TX	2	3	2	1	0	1	0	0	0	0	0	0	0	1	0	0	0	0	5	3	4	5	27
LOMA LINDA UNIVERSITY	CA	2	0	0	0	1	0	0	1	1	0	2	1	2	2	1	6	0	4	2	1	0	1	27
NEW YORK MEDICAL COLLEGE	NY	7	0	0	2	0	1	0	2	1	1	1	1	2	0	0	1	0	0	1	0	3	4	27
NORTH DAKOTA STATE UNIVERSITY	ND	4	1	3	0	3	3	4	0	1	3	1	0	2	0	0	1	1	0	0	0	0	0	27
FSU RESEARCH FOUNDATION, INC.	FL	0	0	0	0	0	0	0	0	0	0	0	1	6	6	5	3	4	0	0	0	0	1	26
OREGON GRADUATE CENTER FOR STUDY AND RESEARCH	OR	25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	26
UNIVERSITY OF VERMONT	VT	6	2	1	1	0	1	2	1	3	0	0	2	1	2	1	2	0	0	0	0	1	0	26
CATHOLIC UNIVERSITY OF AMERICA	DC	0	0	1	3	4	2	0	0	1	1	1	0	1	1	2	0	0	1	1	0	3	3	25
UNIVERSITY OF NORTH TEXAS	TX	0	0	0	0	0	1	1	0	0	1	1	0	0	1	1	0	3	3	5	1	4	3	25
UNIVERSITY OF SOUTH ALABAMA	AL	7	0	4	2	1	0	1	1	2	1	0	1	1	0	0	0	1	0	0	3	0	0	25
BOWLING GREEN STATE UNIVERSITY	OH	4	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	1	0	2	5	4	3	24
PORTLAND STATE UNIVERSITY	OR	3	0	0	0	0	0	0	0	1	0	0	0	0	0	2	1	3	2	3	2	4	3	24
SOUTH DAKOTA SCHOOL OF MINES AND TECHNOLOGY	SD	1	1	0	2	0	1	0	0	1	1	2	0	0	1	0	2	1	2	0	3	5	1	24
MIAMI UNIVERSITY	OH	3	0	0	0	0	0	1	0	3	0	5	2	0	1	1	1	0	0	1	4	0	1	23
RESEARCH FOUNDATION OF CITY COLLEGE OF NEW YORK	NY	0	0	0	1	1	0	4	5	4	3	1	1	1	1	0	1	0	0	0	0	0	0	23
SAN DIEGO STATE UNIVERSITY	CA	0	0	0	0	0	1	2	1	1	1	2	3	3	2	3	0	0	0	0	1	1	2	23
GEORGE MASON UNIVERSITY	VA	0	0	0	0	0	1	0	1	2	0	0	4	3	3	3	1	1	0	0	3	0	0	22
NEW YORK UNIVERSITY MEDICAL CENTER	NY	1	0	0	1	1	1	2	1	4	2	4	2	0	1	0	0	0	1	0	1	0	0	22
UNIVERSITY OF ALASKA	AK	1	1	1	3	2	3	2	0	0	1	0	2	0	1	0	0	0	0	0	2	3	0	22
UNIVERSITY OF KENTUCKY	KY	2	0	0	0	0	1	0	2	4	1	1	1	1	0	1	0	2	0	0	2	0	4	22
VIRGINIA POLYTECHNIC																								

INSTITUTE AND STATE UNIVERSITY	VA	2	2	5	2	3	3	1	0	1	1	0	0	0	1	0	0	0	0	0	1	0	0	22
BOISE STATE UNIVERSITY	ID	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	2	4	6	6	21
COLORADO SEMINARY	CO	3	0	1	1	2	2	3	1	2	1	1	0	0	1	0	0	0	0	0	1	2	0	21
UNIVERSITY OF NEW ORLEANS RESEARCH & TECHNOLOGY FOUNDATION	LA	0	0	0	0	0	0	0	0	0	0	1	6	5	3	1	1	1	0	0	3	0	0	21
UNIVERSITY OF TULSA	OK	0	0	0	0	0	0	1	1	1	1	1	1	1	3	1	2	0	0	3	4	1	0	21
BOARD OF REGENTS OF THE UNIVERSITY AND COMMUNITY COLLEGE SYSTEM OF NEVADA	NV	0	0	0	0	0	0	2	0	2	2	2	1	5	1	0	3	1	0	1	0	0	0	20
NORTHEASTERN OHIO UNIVERSITIES COLLEGE OF MEDICINE	OH	0	0	1	0	1	1	3	3	0	1	1	1	1	0	0	4	1	0	0	1	1	0	20
PENNSYLVANIA STATE UNIVERSITY	PA	3	0	0	1	0	0	0	0	1	0	2	5	1	1	0	0	3	0	2	0	0	0	19
RESEARCH AND EDUCATION INSTITUTE, INC. HARBOR - UCLA MEDICAL CENTER	CA	7	1	0	0	0	0	2	0	1	1	1	1	2	2	1	0	0	0	0	0	0	0	19
UNIVERSITY OF HOUSTON-UNIVERSITY PARK	TX	7	1	1	3	2	1	0	0	1	0	1	1	0	0	0	1	0	0	0	0	0	0	19
ALFRED UNIVERSITY RESEARCH FOUNDATION INC.	NY	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
BOARD OF REGENTS FOR THE OKLAHOMA AGRICULTURAL AND MECHANICAL COLLEGE ACTING FOR AND ON BEHALF OF OKLAHOMA STATE UNIVERSITY	OK	15	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	18
COLLEGE OF WILLIAM AND MARY	VA	0	0	0	0	0	0	0	0	0	1	0	1	1	2	1	0	4	1	2	2	0	3	18
HOWARD UNIVERSITY	DC	0	0	2	0	3	4	1	0	1	1	0	0	0	0	0	0	0	0	0	2	4		18
UNIVERSITY OF ARIZONA FOUNDATION	AZ	13	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	18
UNIVERSITY OF KANSAS ENDOWMENT ASSOCIATION	KS	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
WASHINGTON STATE UNIVERSITY	WA	0	0	0	0	1	0	0	0	1	3	0	0	0	0	0	1	0	2	2	3	3	2	18
WESTERN MICHIGAN UNIVERSITY	MI	4	0	1	1	0	0	0	2	3	2	2	0	0	2	1	0	0	0	0	0	0	0	18
FLORIDA INTERNATIONAL UNIVERSITY	FL	2	1	1	0	0	0	0	0	0	1	2	1	1	1	0	0	0	0	1	2	3	1	17
LOS ANGELES BIOMEDICAL																								

RESEARCH INSTITUTE AT HARBOR UCLA MEDICAL CENTER	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3	0	1	4	1	3	4	17
MARQUETTE UNIVERSITY	WI	1	0	0	0	2	0	1	1	0	1	1	0	0	1	0	1	2	0	1	4	0	1	17	
MOREHOUSE SCHOOL OF MEDICINE	GA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	10	4	17	
SYRACUSE UNIVERSITY RESEARCH CORPORATION	NY	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	
CALIFORNIA INSTITUTE RESEARCH FOUNDATION	CA	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16	
FLORIDA AGRICULTURAL AND MECHANICAL UNIVERSITY	FL	2	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5	2	6	16	
RUSH UNIVERSITY MEDICAL CENTER	IL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	6	3	2	2	16	
UNIVERSITY OF NORTH DAKOTA	ND	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	2	5	2	2	2	16	
UNIVERSITY OF NORTHERN IOWA FOUNDATION	IA	2	0	1	0	0	0	1	0	3	1	0	0	3	0	0	0	1	1	0	3	0	0	16	
UNIVERSITY OF ARKANSAS FOR MEDICAL SCIENCES	AR	0	0	0	0	0	0	0	0	1	0	0	0	1	0	2	2	6	2	1	0	0	0	15	
UNIVERSITY OF MASSACHUSETTS AT AMHERST	MA	1	2	1	2	1	0	0	0	3	1	1	0	0	0	0	1	2	0	0	0	0	0	15	
CALIFORNIA POLYTECHNIC STATE UNIVERSITY FOUNDATION	CA	3	0	0	0	1	1	0	1	0	2	1	0	0	0	1	0	4	0	0	0	0	0	14	
DREXEL UNIVERSITY COLLEGE OF MEDICINE	PA	2	2	1	1	1	1	0	0	1	0	0	2	1	0	0	2	0	0	0	0	0	0	14	
MEDICAL COLLEGE OF HAMPTON ROADS	VA	0	1	0	0	1	2	6	1	1	0	1	0	1	0	0	0	0	0	0	0	0	0	14	
OAKLAND UNIVERSITY	MI	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	1	3	2	1	0	3	2	14	
COLORADO SCHOOL OF MINES RESEARCH INSTITUTE	CO	12	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	
FLORIDA INSTITUTE OF TECHNOLOGY	FL	1	0	0	0	0	1	0	0	1	0	1	0	0	1	1	0	3	0	1	0	0	3	13	
TEXAS TECH UNIVERSITY HEALTH SCIENCES CENTER	TX	5	1	0	0	1	0	0	1	1	1	1	1	0	0	1	0	0	0	0	0	0	0	13	
THE UWM RESEARCH FOUNDATION, INC.	WI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	3	7	13	
UNIVERSITY OF NORTH TEXAS HEALTH SCIENCE CENTER	TX	0	0	0	0	0	0	0	0	0	0	4	1	2	0	0	1	0	0	2	0	1	2	13	
ARGONNE NATIONAL																									

LABORATORIES/UNIVERSITY OF CHICAGO DEVELOPMENT CORP.	IL	0	0	1	0	2	1	3	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	12
DUKE UNIVERSITY MEDICAL CENTER	NC	1	1	0	0	0	0	0	2	3	1	2	1	0	0	0	0	1	0	0	0	0	0	12
NORTH CAROLINA A&T STATE UNIVERSITY	NC	0	0	0	0	0	0	0	0	0	0	2	2	0	0	1	1	2	2	0	0	0	2	12
OLD DOMINION UNIVERSITY RESEARCH FOUNDATION	VA	1	0	0	0	0	0	0	0	0	1	0	0	0	0	1	0	1	1	0	1	2	4	12
UNIVERSITY OF MEMPHIS	TN	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	2	5	3	12
UNIVERSITY OF MISSISSIPPI MEDICAL CENTER	MS	0	0	0	0	1	0	0	0	0	2	1	1	3	0	2	0	0	1	0	0	0	1	12
CLARKSON UNIVERSITY	NY	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	3	1	11
DESERT RESEARCH INSTITUTE	NV	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	2	0	0	2	4	0	11
MISSISSIPPI STATE UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION (RTC)	MS	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	1	1	0	3	1	1	11
OLD DOMINION UNIVERSITY	VA	0	0	1	2	0	1	1	1	0	0	0	1	1	0	0	0	0	1	0	1	0	1	11
UNIVERSITY OF LOUISVILLE	KY	1	0	0	0	1	0	0	0	1	0	0	0	2	1	0	0	4	1	0	0	0	0	11
UNIVERSITY OF SOUTH CAROLINA RESEARCH FOUNDATION	SC	0	0	0	0	0	0	0	0	0	0	0	2	5	3	0	0	0	0	1	0	0	0	11
AUBURN RESEARCH FOUNDATION	AL	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
CENTRAL MICHIGAN UNIVERSITY BOARD OF TRUSTEES	MI	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	2	2	2	1	10
HAMPTON UNIVERSITY	VA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	0	0	0	1	2	1	3	10
OHIO UNIVERSITY EDISON ANIMAL BIOTECHNOLOGY INSTITUTE	OH	2	2	0	0	0	0	1	2	1	0	0	0	1	1	0	0	0	0	0	0	0	0	10
OREGON GRADUATE INSTITUTE OF SCIENCE & TECHNOLOGY	OR	1	1	0	0	0	1	3	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	10
CALIFORNIA POLYTECHNIC STATE UNIVERSITY CORPORATION	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2	3	2	9
GMI ENGINEERING & MANAGEMENT INSTITUTE	MI	7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
OHIO AGRICULTURAL RESEARCH AND DEVELOPMENT CENTER	OH	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
PITTSBURG STATE	KS	0	0	0	0	0	0	0	0	0	1	0	2	1	1	0	0	0	0	1	2	1	0	9

UNIVERSITY																								
THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART	NY	0	0	0	0	0	1	0	1	0	0	0	0	1	0	2	0	0	0	1	3	0	0	9
WEST VIRGINIA UNIVERSITY RESEARCH CORPORATION	WV	0	0	0	0	1	0	1	0	0	0	0	0	2	1	0	0	0	0	1	1	0	2	9
ALLEGHENY UNIVERSITY OF THE HEALTH SCIENCES	PA	0	0	0	0	0	0	0	3	2	2	1	0	0	0	0	0	0	0	0	0	0	0	8
EASTERN MICHIGAN UNIVERSITY	MI	0	0	0	0	0	3	2	0	0	1	0	0	0	0	0	0	0	0	0	1	0	1	8
MILWAUKEE SCHOOL OF ENGINEERING	WI	1	0	0	0	0	0	0	0	0	0	1	1	2	1	0	0	0	1	0	0	0	1	8
NEW MEXICO STATE UNIVERSITY	NM	6	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	8
ROSALIND FRANKLIN UNIVERSITY OF MEDICINE AND SCIENCE	IL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	1	2	2	8
UNIVERSITY OF CONNECTICUT HEALTH CENTER	CT	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	2	2	1	0	1	0	0	8
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL	MA	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	3	1	0	8
UNIVERSITY OF NORTH DAKOTA SCHOOL OF ENGINEERING & MINES FOUNDATION (UND-SEM FOUNDATION)	ND	7	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
UNIVERSITY OF NORTH FLORIDA	FL	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	1	0	1	1	1	8
UNIVERSITY OF WISCONSIN-MILWAUKEE	WI	1	1	2	0	3	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	8
UT SW MEDICAL CTR AT DALLAS	TX	0	0	0	0	1	0	0	0	0	0	0	2	3	2	0	0	0	0	0	0	0	0	8
WESTERN KENTUCKY UNIVERSITY	KY	4	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	1	1	0	8
WICHITA STATE UNIVERSITY	KS	1	0	0	0	0	1	0	0	0	0	0	2	0	0	0	0	0	0	0	2	2	0	8
BALL STATE UNIVERSITY	IN	0	0	1	0	0	0	1	1	0	1	0	1	0	0	1	0	0	0	0	0	1	0	7
BELOIT COLLEGE	WI	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
GEORGIA INSTITUTE OF TECHNOLOGY	GA	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2	1	1	1	0	0	7
IDAHO STATE UNIVERSITY	ID	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	1	0	1	0	1	1	0	7
KECK GRADUATE INSTITUTE	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	1	3	7
MARSHALL UNIVERSITY																								

RESEARCH CORPORATION	WV	0	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	1	1	0	2	7
ROANOKE COLLEGE	VA	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
UNIVERSITY OF LOUISIANA AT LAFAYETTE	LA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	0	0	2	0	1	1	7
UNIVERSITY OF SCRANTON	PA	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	7
VILLANOVA UNIVERSITY	PA	4	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	1	7
YESHIVA UNIVERSITY	NY	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
CALIFORNIA STATE UNIVERSITY FRESNO FOUNDATION	CA	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	6
ILLINOIS STATE UNIVERSITY	IL	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	6
JAMES MADISON UNIVERSITY	VA	3	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	6
MOUNT SINAI RESEARCH FOUNDATION, INC.	NY	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
NEW YORK UNIVERSITY SCHOOL OF MEDICINE	NY	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	1	1	0	0	1	0	6
RESEARCH AND EDUCATION INSTITUTE, INC.	CA	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
RUTGERS RESEARCH AND EDUCATIONAL FOUNDATION	NJ	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
SALISBURY UNIVERSITY	MD	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	1	2	0	0	1	6
SPELMAN COLLEGE	GA	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	1	3	6
THE CORPORATION OF MERCER UNIVERSITY	GA	0	0	0	0	1	0	0	0	0	0	0	0	1	1	0	1	0	1	0	0	1	0	6
UNIVERSITIES SPACE RESEARCH ASSOCIATION	MD	1	1	0	0	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	1	6
UNIVERSITY OF HEALTH SCIENCES/THE CHICAGO MEDICAL SCHOOL	IL	5	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
UNIVERSITY OF IOWA	IA	2	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	0	0	1	6
UNIVERSITY OF KANSAS CENTER FOR RESEARCH	KS	1	0	0	0	0	1	1	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	6
UNIVERSITY OF MASSACHUSETTS WORCESTER	MA	0	0	0	0	0	0	0	0	0	2	1	0	1	1	0	1	0	0	0	0	0	0	6
UNIVERSITY OF WISCONSIN	WI	0	3	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
AMBASSADOR COLLEGE	CA	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
ARKANSAS STATE UNIVERSITY	AR	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	0	2	5

EAST TENNESSEE STATE UNIVERSITY	TN	1	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	5
JORDAN COLLEGE	MI	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
LOUISIANA STATE UNIV. MEDICAL CENTER FOUNDATION	LA	0	0	0	0	0	2	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
MAYO FOUNDATION	MN	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
NEW MEXICO HIGHLANDS UNIVERSITY	NM	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	3	5
OREGON STATE BOARD OF HIGHER EDUCATION, AN AGENCY OF THE STATE OF OREGON	OR	1	0	0	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
SAGINAW VALLEY STATE UNIVERSITY	MI	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
ST. JOHN S UNIVERSITY	NY	4	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5
TEXAS CHRISTIAN UNIVERSITY	TX	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	1	0	0	0	1	5
UNIVERSITY OF PORTLAND	OR	0	0	0	0	0	0	1	0	0	0	0	1	1	0	0	1	0	0	0	1	0	0	5
UNIVERSITY PATENTS, INC. OF ILLINOIS	IL	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
UNIVERSITY RESEARCH FOUNDATION	MD	1	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1	0	5
ARIZONA BOARD OF REGENTS, ACTING FOR AND ON BEHALF OF NORTHERN ARIZONA UNIVERSITY	AZ	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	1	0	1	0	0	4
BRYN MAWR COLLEGE	PA	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	4
CALIFORNIA STATE UNIVERSITY FULLERTON FOUNDATION	CA	1	0	0	0	0	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	4
ENDOWMENT AND RESEARCH FOUNDATION AT MONTANA STATE UNIVERSITY	MT	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
INDIANA UNIVERSITY	IN	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	4
IOWA STATE UNIVERSITY	IA	0	0	1	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	0	0	4
JACKSON STATE UNIVERSITY	MS	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	1	0	0	0	0	4
LAWRENCE TECHNOLOGICAL UNIVERSITY	MI	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	1	1	0	4
LEWIS & CLARK COLLEGE	OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	4
MISSISSIPPI STATE UNIVERSITY DEVELOPMENT	MS	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4

FOUNDATION INC.																								
MISSISSIPPI STATE UNIVERSITY: FOREST PRODUCTS LABORATORY	MS	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
NORTH CAROLINA CENTRAL UNIVERSITY	NC	3	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
OAK RIDGE ASSOCIATED UNIVERSITIES	TN	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
OAKLAND COMMUNITY COLLEGE	MI	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
ROCKHURST UNIVERSITY	MO	0	0	0	0	0	0	0	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	4
ROSE-HULMAN INSTITUTE OF TECHNOLOGY	IN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2	0	0	1	0	0	0	4
SETON HALL UNIVERSITY	NJ	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	1	4
SOUTH DAKOTA STATE UNIVERSITY	SD	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	4
TULANE UNIVERSITY	LA	1	0	0	0	1	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	4
UNIV. OF TX MD ANDERSON CANCER CENTER	TX	0	0	0	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1	0	0	0	4
UNIVERSITY OF IDAHO	ID	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	1	0	4
UNIVERSITY OF SOUTHWESTERN LOUISIANA	LA	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
UNIVERSITY OF TENNESSEE	TN	1	0	1	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	4
UNIVERSITY OF THE SCIENCES IN PHILADELPHIA	PA	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	4
WAKE FOREST UNIVERSITY HEALTH SCIENCE	NC	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	1	0	4
WEBER STATE UNIVERSITY	UT	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	1	4
ADELPHI UNIVERSITY	NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3
BRADLEY UNIVERSITY	IL	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	3
CLARK UNIVERSITY	MA	0	0	0	0	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
CORPORATION OF GONZAGA UNIVERSITY	WA	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
FLORIDA ATLANTIC UNIVERSITY RESEARCH CORP.	FL	0	0	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
HARVEY MUDD COLLEGE	CA	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
INDIANA UNIVERSITY ADVANCED RESEARCH & TECHNOLOGY INSTITUTE	IN	0	0	0	0	0	0	1	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	3
KETTERING UNIVERSITY	MI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	3

MEHARRY MEDICAL COLLEGE	TN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	3
NORTH DAKOTA STATE UNIVERSITY DEVELOPMENT FOUNDATION	ND	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
NOVA SOUTHEASTERN UNIVERSITY	FL	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	3
PURDUE RESEARCH FOUNDATION OFFICE OF TECHNOLOGY TRANSFER	IN	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
PURDUE UNIVERSITY	IN	2	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	3
SAM HOUSTON STATE UNIVERSITY	TX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
SAN DIEGO STATE UNIVERSITY RESEARCH FOUNDATION	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	3
SAN JOSE STATE UNIVERSITY FOUNDATION	CA	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
SOUTHWEST MISSOURI STATE UNIVERSITY	MO	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
ST. LOUIS UNIVERSITY HEALTH SCIENCES CENTER	MO	0	0	0	0	0	0	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	3
TENNESSEE TECHNOLOGICAL UNIVERSITY	TN	0	0	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	3
TRINITY UNIVERSITY	TX	1	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
UD TECHNOLOGY CORPORATION	DE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	3
UNIVERSITY OF DENVER	CO	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	3
UNIVERSITY OF DENVER, COLORADO SEMINARY	CO	1	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
UNIVERSITY OF FLORIDA TISSUE BANK, INC.	FL	0	0	0	0	0	0	0	1	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	3
UNIVERSITY OF GEORGIA	GA	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
UNIVERSITY OF HARTFORD	CT	0	0	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	3
UNIVERSITY OF LOUISIANA AT MONROE	LA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	3
UNIVERSITY OF NEW ORLEANS FOUNDATION	LA	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	1	0	0	0	0	3
UNIVERSITY OF TENNESSEE RESEARCH CENTER	TN	1	0	0	0	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
UNIVERSITY OF THE PACIFIC	CA	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
VIRGINIA POLYTECHNIC INSTITUTE EDUCATIONAL	VA	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3

FOUNDATION, INC.																								
WASHINGTON UNIVERSITY SCHOOL OF MEDICINE	MO	1	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	3
WASHINGTON UNIVERSITY TECHNOLOGY ASSOCIATES, INC.	WA	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
WELLESLEY COLLEGE	MA	0	0	0	0	0	0	0	0	0	0	1	0	1	0	1	0	0	0	0	0	0	0	3
WESTERN UNIVERSITY OF HEALTH SCIENCES	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	1	3
WESTERN WASHINGTON UNIVERSITY	WA	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0	3
APPALACHIAN STATE UNIVERSITY	NC	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
APPLIED OPTICS CENTER OF DELAWARE, INC.	DE	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	2
BOARD OF OVERSEERS OF GOSHEN COLLEGE	IN	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BOARD OF REGENTS FOR EDUCATION OF THE STATE OF RHODE ISLAND	RI	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
BROOKLYN COLLEGE FOUNDATION	NY	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
CALIFORNIA STATE UNIVERSITY	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
CORNELL CENTER FOR TECHNOLOGY ENTERPRISE AND COMMERCIALIZATION	NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
CREIGHTON UNIVERSITY OFFICE OF TECHNOLOGY LICENSING	NE	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
DAEMEN COLLEGE	NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	2
DENVER RESEARCH INSTITUTE	CO	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
DOWLING COLLEGE	NY	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	2
DREXEL INSTITUTE OF TECHNOLOGY	PA	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
EASTERN WASHINGTON UNIVERSITY	WA	0	0	0	0	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
EMBRY. RIDDLE AERONAUTICAL UNIVERSITY, INC.	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1	2
FAIRFIELD UNIVERSITY	CT	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
FOUNDATION AT NEW JERSEY INSTITUTE OF TECHNOLOGY	NJ	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2

GEORGIA HEALTH SCIENCES UNIVERSITY	GA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
GEORGIA HEALTH SCIENCES UNIVERSITY RESEARCH INSTITUTE, INC.	GA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
GRAND VALLEY STATE UNIVERSITY	MI	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	2
HUMBOLDT STATE UNIVERSITY FOUNDATION	CA	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	2
INTER AMERICAN UNIVERSITY OF PUERTO RICO	PR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	2
KANSAS UNIVERSITY MEDICAL CENTER RESEARCH INSTITUTE, INC.	KS	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2
KRESGE EYE INSTITUTE OF WAYNE STATE UNIVERSITY	MI	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
LAKE FOREST COLLEGE	IL	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
LOMA LINDA UNIVERSITY ADVENTIST HEALTH SCIENCES CENTER	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	2
LONG ISLAND UNIVERSITY	NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	2
MANHATTAN COLLEGE	NY	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MASSACHUSETTS COLLEGE OF PHARMACY	MA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	2
MEDICAL COLLEGE OF GEORGIA FOUNDATION INC.	GA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2
MEMPHIS STATE UNIVERSITY	TN	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
MONTANA TECH OF THE UNIVERSITY OF MONTANA	MT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	2
NEW MEXICO INSTITUTE OF MINING AND TECHNOLOGY	NM	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
NORTHWEST MISSOURI STATE UNIVERSITY	MO	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	2
OHIO NORTHERN UNIVERSITY	OH	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2
PACE UNIVERSITY	NY	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1	0	0	2
PHILADELPHIA COLLEGE OF OSTEOPATHIC MEDICINE	PA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
PHILADELPHIA COLLEGE OF TEXTILES AND SCIENCE	PA	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
PHILADELPHIA UNIVERSITY	PA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2

PURDUE RESEARCH CORPORATION	IN	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
SOUTHEASTERN ILLINOIS COLLEGE FOUNDATION	IL	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
SOUTHEASTERN LOUISIANA UNIVERSITY	LA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	2
SOUTHERN METHODIST UNIVERSITY FOUNDATION FOR RESEARCH	TX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	2
STANFORD UNIVERSITY MEDICAL CENTER	CA	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2
STATE OF OREGON BY AND THROUGH THE STATE BOARD OF HIGHER EDUCATION, ON BEHALF OF SOUTHERN OREGON UNIVERSITY	OR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	2
TEXAS LUTHERAN UNIVERSITY	TX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	2
THE COLLEGE OF N.J.	NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	2
THE FOUNDATION FOR THE LSU HEALTH SCIENCES CENTER (LOUISIANA STATE UNIVERSITY)	LA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	2
THE UNIVERSITY FOUNDATION, CALIFORNIA STATE UNIVERSITY	CA	0	0	0	0	0	1	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2
THE UNIVERSITY OF THE STATE OF NEW YORK, STATE EDUCATION DEPARTMENT	NY	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	2
THE UNIVERSITY OF UTAH TECHNOLOGY TRANSFER OFFICE	UT	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	2
TRUSTEES OF AMHERST COLLEGE	MA	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	2
TUFTS UNIVERSITY SCHOOL OF MEDICINE	MA	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2
TULANE UNIVERSITY MEDICAL CENTER	LA	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2
TUSKEGEE UNIVERSITY	AL	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
UNIVERSITY OF ARKANSAS FOUNDATION	AR	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
UNIVERSITY OF CONNECTICUT RESEARCH & DEVELOPMENT CORP.	CT	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
UNIVERSITY OF CONNECTICUT, CENTER FOR	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	2

SCIENCE AND TECHNOLOGY COMMERCIALIZATION																									
UNIVERSITY OF MARYLAND, SCHOOL OF MEDICINE	MD	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
UNIVERSITY OF NEW ORLEANS	LA	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2
UNIVERSITY OF NORTH DAKOTA MEDICAL EDUCATION RESEARCH FOUNDATION	ND	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
UNIVERSITY OF PITTSBURGH MEDICAL CENTER	PA	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
UNIVERSITY OF SOUTHERN CALIFORNIA, USC STEVENS CENTER FOR INNOVATION	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	2
UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER HOUSTON	TX	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	2
UNIVERSITY OF TEXAS MEDICAL BRANCH AT GALVESTON	TX	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
UNIVERSITY OF WEST FLORIDA	FL	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2
VIRGINIA COMMONWEALTH UNIVERSITY MEDICAL COLLEGE	VA	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
VIRGINIA TECH FOUNDATION, INC.	VA	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
WHEELING JESUIT UNIVERSITY	WV	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	2
WIDENER COLLEGE	PA	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
A.T. STILL UNIVERSITY OF HEALTH SCIENCES	AZ	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
ALABAMA A AND M UNIVERSITY	AL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
ALABAMA A& M UNIVERSITY INSTITUTE	AL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
ALCORN STATE UNIVERSITY	MS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
ALVERNO COLLEGE	WI	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
AMERICAN PUBLIC UNIVERSITY SYSTEMS, INC.	WV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
AMERICAN TECHNOLOGICAL UNIVERSITY	TX	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

ANTIOCH COLLEGE	OH	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ARKASAS STATE UNIVERSITY - RESEARCH AND DEVELOPMENT INSTITUTE (ASU-RDI)	AR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
ART CENTER COLLEGE OF DESIGN	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
AUBURN UNIVERSITY RESEARCH FOUNDATION	AL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BAYLOR RESEARCH FOUNDATION, A NONPROFIT CORPORATION OF THE STATE OF TEXAS	TX	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BAYLOR UNIVERSITY MEDICAL CENTER	TX	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
BOARD OF TRUSTEES OF WESTERN ILLINOIS UNIVERSITY	IL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
BOB JONES UNIVERSITY	SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
BOSTON UNIVERSITY RESEARCH FOUNDATION	MA	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BOWMAN GRAY SCHOOL OF MEDICINE, WAKE FOREST UNIVERSITY	NC	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BROWN TECHNOLOGY PARTNERSHIPS	RI	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
BUREAU OF FACULTY RESEARCH OF WESTERN WASHINGTON UNIVERSITY	WA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
BUTLER UNIVERSITY	IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
CALIFORNIA INSTITUTE OF TECHNOLOGY, JET PROPULSION LABORATORY	CA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CALVIN COLLEGE	MI	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CHAPMAN COLLEGE	CA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CHARLES R. DREW UNIVERSITY OF MEDICINE AND SCIENCE	CA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
CHRISTOPHER NEWPORT UNIVERSITY	VA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
CITY COLLEGE OF NEW YORK	NY	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
CLAFLIN UNIVERSITY	SC	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
COLLEGE OF FORESTRY, WILDLIFE & RANGE	ID	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

SCIENCES, UNIVERSITY OF IDAHO																								
COLLEGE OF MEDICINE AND DENTISTRY OF NEW JERSEY	NJ	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
COLLEGE OF THE HOLY CROSS	MA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
CONNECTICUT COLLEGE	CT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
COOPER UNION RESEARCH FOUNDATION, INC.	NY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
COOPERATIVE INSTITUTE FOR RESEARCH IN ENVIRONMENTAL SCIENCES	CO	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DELAWARE STATE UNIVERSITY FOUNDATION, INC.	DE	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
DIVISION OF PLASTIC SURGERY OF THE MEDICAL SCHOOL OF NORTHWESTERN	IL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
DUKE UNIVERSITY PATENTS FOUNDATION	NC	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ENDOWMENT AND ALUMNI FOUNDATION AT MONTANA STATE UNIVERSITY	MT	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ENGINEERING RESEARCH CTR., NORTH CAROLINA STATE UNIV.	NC	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ERSKINE COLLEGE	SC	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
FAIRLEIGH DICKINSON UNIVERSITY	NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
FERRIS STATE UNIVERSITY	MI	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
FORT VALLEY STATE COLLEGE	GA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
FRANKLIN AND MARSHALL COLLEGE	PA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
GEORGE MASON INTELLECTUAL PROPERTIES	VA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
GEORGE WASHINGTON UNIVERSITY, OFFICE OF SPONSORED RESEARCH	DC	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
HACKENSACK UNIVERSITY MEDICAL CENTER	NJ	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
HAMPSHIRE COLLEGE	MA	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
INDIANA STATE UNIVERSITY	IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
JACKSONVILLE STATE																								

UNIVERSITY	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
JESUIT COMMUNITY AT LOYOLA UNIVERSITY	CA	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
JOHNS HOPKINS HOSPITAL	MD	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
JOHNSON COUNTY COMMUNITY COLLEGE FOUNDATION, INC.	KS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
KANSAS STATE UNIVERSITY	KS	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
KIRKWOOD COMMUNITY COLLEGE FACILITIES FOUNDATION	IA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LAMAR STATE COLLEGE OF TECHNOLOGY	TX	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LEHIGH UNIVERSITY AND NORTHEAST BENJAMIN FRANKLIN TECHNOLOGY CENTER OF PA	PA	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
LOCK HAVEN UNIVERSITY OF PENNSYLVANIA	PA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
LOUISIANA TECH UNIVERSITY	LA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MARQUETTE SCHOOL OF MEDICINE, INC.	WI	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MASSACHUSETTS COLLEGE OF OPTOMETRY	MA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MCNEESE STATE UNIVERSITY	LA	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
MERCER UNIVERSITY	GA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
MINNESOTA STATE UNIVERSITY SYSTEM THROUGH ITS MANKATO STATE UNIVERSITY AGENCY	MN	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MONTCLAIR STATE COLLEGE	NJ	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
MOUNT HOLYOKE COLLEGE	MA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1
NEW ENGLAND COLLEGE OF OPTOMETRY	MA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
NEW YORK CHIROPRACTIC COLLEGE	NY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NEW YORK UNIVERSITY & JURIDICAL FOUNDATION	NY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NICHOLLS STATE UNIVERSITY	LA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
NORTH DAKOTA STATE																								

UNIVERSITY OF AGRICULTURE AND APPLIED SCIENCE	ND	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NORTHWESTERN UNIV. TECHNOLOGY TRANSFER PROG.	IL	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NORTHWESTERN UNIVERSITY MEDICAL SCHOOL	IL	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
NOVA UNIVERSITY	FL	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PARKER COLLEGE OF CHIROPRACTIC	TX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
PEPPERDINE UNIVERSITY	CA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PHILADELPHIA COLLEGE OF PHARMACY AND SCIENCE	PA	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
PURDUE RESEARCH LABORATORY	IN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
REGIS COLLEGE	CO	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
RIT RESEARCH CORP. (ROCHESTER, NY)	NY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
ROWAN UNIVERSITY	NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
RUSH UNIVERSITY	IL	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
SAINT FRANCIS UNIVERSITY	PA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
SAINT LOUIS UNIVERSITY, HEALTH SERVICES CENTER, RESEARCH ADMINISTRATION	MO	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
SALEM INTERNATIONAL UNIVERSITY (SALEM-TEIKYO UNIVERSITY)	WV	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1
SAN DIEGO STATE COLLEGE FOUNDATION	CA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SHAW UNIVERSITY	NC	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SIENA COLLEGE	NY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SLIPPERY ROCK UNIVERSITY FOUNDATION	PA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
SMITH COLLEGE	MA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SOUTHERN COLLEGE OF OPTOMETRY	TN	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
SPACE VACUUM EPITAXY CENTER UNIVERSITY OF HOUSTON	TX	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
STEPHEN F. AUSTIN STATE UNIVERSITY	TX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1

TEXAS A&M UNIVERSITY SYSTEM TECHNOLOGY LICENSING OFFICE	TX	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TEXAS COLLEGE OF OSTEOPATHIC MEDICINE	TX	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TEXAS STATE UNIVERSITY	TX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1
TEXAS WESLEYAN UNIVERSITY, INC.	TX	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
THE LUTHERAN UNIVERSITY ASSOCIATION, INC.	IN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
THE MOUNT SINAI MEDICAL CENTER OF THE CITY UNIVERSITY OF NEW YORK	NY	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
THE RICHARD STOCKTON COLLEGE OF NEW JERSEY	NJ	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
THE UNIVERSITY OF THE ARTS	PA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
TOURO COLLEGE	NY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TOWSON UNIVERSITY	MD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
TROY STATE UNIVERSITY	AL	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
TRUMAN STATE UNIVERSITY	MO	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
TRUSTEES OF DAVIDSON COLLEGE	NC	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TRUSTEES OF THE COLLEGE OF AERONAUTICS	NY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
TULANE UNIVERSITY HEALTH SCIENCES CENTER	LA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
UNIFORMED SERVICES UNIVERSITY OF THE HEALTH SCIENCES	MD	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
UNION COLLEGE	NY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	1
UNIV. OF CHICAGO DEVELOPMENT CORP. ARGONNE NATIONAL LABORATORIES	IL	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNIVERSITY HEALTHSYSTEM CONSORTIUM	IL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
UNIVERSITY OF ARKANSAS TECHNOLOGY DEVELOPMENT FOUNDATION	AR	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
UNIVERSITY OF CENTRAL FLORIDA RESEARCH	FL	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1



INSTITUTE, INC.																								
UNIVERSITY OF COLORADO, UNIVERSITY TECHNOLOGY CORPORATION	CO	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
UNIVERSITY OF HAWAII, OFFICE OF TECHNOLOGY TRANSFER AND ECONOMIC DEVELOPMENT	HI	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNIVERSITY OF HONOLULU	HI	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1
UNIVERSITY OF HOUSTON - CLEARLAKE	TX	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNIVERSITY OF KANSAS-KU MEDICAL CENTER RESEARCH INSTITUTE	KS	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
UNIVERSITY OF LOUISVILLE FOUNDATION	KY	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNIVERSITY OF MARYLAND CENTER FOR ENVIRONMENTAL SCIENCE	MD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
UNIVERSITY OF MARYLAND OFFICE OF TECHNOLOGY COMMERCIALIZATION	MD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	1
UNIVERSITY OF OKLAHOMA FOUNDATION, INC.	OK	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNIVERSITY OF OKLAHOMA RESEARCH INSTITUTE	OK	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNIVERSITY OF PATENTS, INC.	CT	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
UNIVERSITY OF ST. THOMAS	MN	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1
UNIVERSITY OF UTAH TECHNOLOGY COMMERCIALIZATION OFFICE	UT	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1
UNIVERSITY OF WISCONSIN-STOUT MANUFACTURING LABORATORY	WI	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
USC/NORRIS COMPREHENSIVE CANCER CTR.	CA	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
UTAH STATE UNIVERSITY, OFFICE OF TECHNOLOGY COMMERCIALIZATION	UT	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
VALDOSTA STATE UNIVERSITY	GA	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1
VIRGINIA FOUNDATION FOR INDEPENDENT COLLEGES	VA	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1

VIRGINIA STATE UNIVERSITY	VA	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
VMI FOUNDATION	VA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	
WABASH COLLEGE	IN	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
WAKE FOREST UNIVERSITY BAPTIST MEDICAL CENTER	NC	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	1	
WAYLAND BAPTIST UNIVERSITY	TX	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
WESTERN WASHINGTON STATE COLLEGE	WA	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
WIDENER UNIVERSITY	PA	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	
WYOMING RESEARCH PRODUCTS CENTER	WY	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	
TOTAL		12123	1574	1675	1822	1929	2201	2490	3249	3439	3177	3315	3355	3339	3099	2766	3392	3071	2895	3133	4346	4166	4797	75353

PTMT Contacts

Questions regarding these reports should be directed to:

U.S. Patent and Trademark Office
Electronic Information Products Division - PTMT
Alexandria, VA 22313-1450

tel: (571) 272-5600 
fax: (571) 273-0110 
[email: oeip@uspto.gov](mailto:oeip@uspto.gov)

address of PTMT pages at the USPTO Web Site : <http://www.uspto.gov/web/offices/ac/ido/oeip/taf/reports.htm>
selected PTMT files available for download at : <http://www.uspto.gov/web/offices/ac/ido/oeip/taf/data/>

[Top](#)

[Home](#) > [PTMT Listing of Viewable Reports](#) > [University Report Table of Contents](#) > [University Listing](#) > **This Page**

Last Modified : 10/05/2017 10:57:23

State	Total State Patents in 2012	University	Patents in 2012	Total Patents
Alabama	671	UAB Research Foundation	12	315
		Auburn University	14	164
		University of Alabama	7	151
		University of South Alabama	0	25
		Auburn Research Foundation	0	10
		Tuskegee University	0	2
		Alabama A&M University	0	1
		Alabama A&M University Institute	0	1
		Auburn University Research Foundation	0	1
		Troy State University	0	1
Alaska	22	University of Alaska	0	22
Arizona	525	Arizona State University	34	264
		University of Arizona	7	158
		Arizona Board of Regents	5	80
		University of Arizona Foundation	0	18
		Arizona Board of Regents, acting on behalf of		
		Northern Arizona University	0	4
		A.T. Still University of Health Sciences	0	1
Arkansas	311	University of Arkansas	34	387
		University of Arkansas for Medical Sciences	0	15
		Arkansas State University	2	5
		University of Arkansas Foundation	0	2
		ASU-Research and Development Institute	0	1
		UA Technology Development Foundation	0	1
		UC Berkeley	357	7488
		Stanford University	182	2403
		California Institute of Technology	136	2365
		University of Southern California	83	702
		Scripps Research Institute	32	689
		Scripps Clinic and Research Foundation	0	121
		Loma Linda University Medical Center	11	104

California	14,147	University of California Office of Technology Transfer	0	56
		Alfred E. Mann Institute for Biomedical Engineering at USC	2	31
		Loma Linda University	1	27
		San Diego State University	2	23
		Research and Education Institute, UCLA Medical Center	0	19
		Los Angeles Biomedical Research Institute at Harbor UCLA Medical Center	4	17
		California Institute Research Foundation	0	16
		California Polytechnic State University Foundation	0	14
		California Polytechnic State University Corporation	2	9
		Keck Graduate Institute	3	7
		Cal State Fresno Foundation	1	6
		Research and Education Institute, Inc.	0	6
		Ambassador College	0	5
		Cal State Fullerton Foundation	0	4
		Harvey Mudd College	0	3
		San Diego State University Research Foundation	0	3
		San Jose State University Foundation	0	3
		University of the Pacific	0	3
		Western University of Health Sciences	1	3
		California State University	1	2
		Humboldt State University Foundation	0	2
		Loma Linda University Adventist Health Sciences Center	0	2
		Stanford University Medical Center	0	2
		The University Foundation, California State University	0	2
		USC Stevens Center for Innovation	1	2
		Art Center College of Design	0	1

		California Institute of Technology, Jet Propulsion Lab	0	1
		Chapman College	0	1
		Charles R. Drew University of Medicine and Science	1	1
		Jesuit Community at Loyola University	0	1
		Pepperdine University	0	1
		San Diego State College Foundation	0	1
		USC/Norris Comprehensive Cancer Center	0	1
Colorado	724	The Regents of the University of Colorado	23	260
		Colorado State University Research Foundation	14	130
		University Technology Corp.	0	85
		University Corporation for Atmospheric Research	2	82
		University of Colorado Foundation	0	76
		Colorado School of Mines	7	47
		Colorado Seminary	0	21
		Colorado School of Mines Research Institute	0	13
		University of Denver	0	3
		University of Denver, Colorado Seminary	0	3
		Denver Research Institute	0	2
		Cooperative Institute for Research in Environmental Sciences	0	1
		Regis College	0	1
Connecticut	1066	Yale University	24	506
		University of Connecticut	25	326
		University Patents, Inc.	0	215
		University of Connecticut Health Center	0	8
		University of Hartford	0	3
		Fairfield University	0	2
		University of Connecticut, Center for Science and Technology Commercialization	2	2
		Connecticut College	0	1
		University of Connecticut Research and Development Corp.	0	2

		University of Patents, Inc.	0	1
Delaware	308	University of Delaware	16	302
		UD Technology Corp.	0	3
		Applied Optics Center of Delaware	0	2
		Delaware State University Foundation	0	1
District of Columbia	447	Georgetown University	12	201
		Associated Universities, Inc.	0	96
		George Washington University	8	69
		Universities Research Association	0	38
		Catholic University of America	3	25
		Howard University	4	18
Florida	3059	University of Florida Research Foundation	70	624
		University of Florida	0	611
		University of South Florida	79	587
		University of Central Florida	72	543
		Florida State University	32	280
		University of Miami	21	159
		Harbor Branch Oceanographic Institute	0	100
		Florida Atlantic University	4	59
		FSU Research Foundation	1	26
		Florida International University	1	17
		Florida A&M University	6	16
		Florida Institute of Technology	3	13
		University of North Florida	1	8
		Florida Atlantic University Research Corp.	0	3
		Nova Southeastern University	0	3
		University of Florida Tissue Bank, Inc.	0	3
		Embry-Riddle Aeronautical University	1	2
		University of West Florida	0	2
		Jacksonville State University	0	1
		Nova University	0	1
		University of Central Florida Research Institute	0	1
		Georgia Tech Research Corp.	80	916
		Emory University	9	354

Georgia	1769	University of Georgia Research Foundation	29	324
		Institute of Paper Science and Technology	0	54
		Medical College of Georgia Research Institute	9	45
		Georgia State University Research Foundation	5	28
		Morehouse School of Medicine	4	17
		Georgia Institute of Technology	0	7
		Spelman College	3	6
		Mercer University Corp.	0	6
		University of Georgia	0	3
		Georgia Health Sciences University	2	4
		Medical College of Georgia Foundation	0	2
		Fort Valley State College	0	1
		Mercer University	0	1
		Valdosta State University	0	1
Hawaii	153	University of Hawaii	3	151
		University of Hawaii Office of Technology Transfer and Economic Development	0	1
		University of Honolulu	0	1
Idaho	136	University of Idaho Research Foundation	0	103
		Boise State University	6	21
		Idaho State University	0	7
		University of Idaho	0	4
		University of Idaho College of Forestry, Wildlife, and Range Sciences	0	1
		University of Illinois	85	885
		Northwestern University	70	665
		University of Chicago	14	439
		UChicago Argonne LLC	31	182
		University of Illinois Foundation	0	135
		Illinois Institute of Technology	14	112
		Southern Illinois University	4	68
		Loyola University, Chicago	2	40
		Northern Illinois University	3	31
		Rush University Medical Center	2	16

Illinois	2624	Argonne National Labs, UChicago Development Corp.	0	13
		Rosalind Franklin University of Medicine and Science	2	8
		Illinois State University	0	6
		University of Health Sciences, The Chicago Medical School	0	6
		University Patents, Inc. of Illinois	0	5
		Bradley University	0	3
		Lake Forest College	0	2
		Southeastern Illinois College Foundation	0	2
		Western Illinois University	0	1
		Division of Plastic Surgery of the Medical School of Northwestern University	0	1
		Northwestern University Technology Transfer Program	0	1
		Northwestern University Medical School	0	1
		Rush University	0	1
		University Healthsystem Consortium	0	1
		Perdue University Foundation	42	687
		Indiana University Foundation	0	138
Indiana	1087	University of Notre Dame	10	89
		Advanced Research and Technology Institute	0	87
		Indiana University Research and Technology Corp.	8	56
		Ball State University	0	7
		Indiana University	0	4
		Rose-Hulman Institute of Technology	0	4
		Indiana University Advanced Research and Technology Institute	0	3
		Perdue Research Foundation Office of Technology Transfer	0	3
		Goshen College	0	2
		Perdue Research Corporation	0	2
		Butler University	0	1

		Indiana State University	1	1
		Perdue Research Lab	0	1
		Lutheran University Association	0	1
		Wabash College	0	1
Iowa	1515	Iowa State University Research Foundation	14	956
		University of Iowa Research Foundation	31	532
		University of Northern Iowa Foundation	0	16
		University of Iowa	1	6
		Iowa State University	0	4
		Kirkwood Community College	0	1
Kansas	421	Kansas State University Research Foundation	5	213
		University of Kansas	23	125
		University of Kansas Medical Center	0	38
		University of Kansas Endowment Association	0	18
		Pittsburg State University	0	9
		Wichita State University	0	8
		University of Kansas Center for Research	0	6
		KU Medical Center Research Institute	1	3
		Johnson County Community College	1	1
Kentucky	584	University of Kentucky Research Foundation	23	469
		University of Louisville Research Foundation	17	74
		University of Kentucky	4	22
		University of Louisville	0	11
		Western Kentucky University	0	8
Louisiana	597	Louisiana State University	17	388
		Tulane Educational Fund	5	116
		Louisiana Tech University Foundation	5	35
		University of New Orleans Research and Technology Foundation	0	26
		University of Louisiana at Lafayette	1	7
		LSU Medical Center Foundation	0	5
		Tulane University	0	4
		University of Southwestern Louisiana	0	4
		University of Louisiana at Monroe	1	3

		Southeastern Louisiana University	0	2
		Foundation for the LSU Health Sciences Center	0	2
		Tulane University Medical Center	0	2
		McNeese State University	0	1
		Nicholls State University	0	1
		Tulane University Health Sciences Center	0	1
Maine	56	University of Maine	2	56
		Johns Hopkins University	79	1556
		University of Maryland	61	634
		UMD Biotechnology Institute	0	76
		Salisbury University	1	6
		Universities Space Research Association	1	6
Maryland	2288	University Research Foundation	0	5
		UMD School of Medicine	0	2
		Johns Hopkins Hospital	0	1
		Towson University	1	1
		Uniformed Services University of the Health Sciences	0	1
		MIT	216	4017
		Harvard University	52	849
		Boston University	24	382
		University of Massachusetts	54	378
		Tufts University	26	231
		Northeastern University	8	194
		Brandeis University	4	107
		University of Massachusetts at Lowell	3	64
		University of Massachusetts Medical Center	0	61
		Worcester Polytechnic Institute	5	53
		Boston College	3	34
		Woods Hole Oceanographic Institution	3	30
Massachusetts	6447	University of Massachusetts at Amherst	0	15
		University of Massachusetts Medical School	0	8
		University of Massachusetts at Worcester	0	6
		Clark University	0	3

		Wellesley College	0	3
		Massachusetts College of Pharmacy	0	2
		Amherst College	0	2
		Tufts University School of Medicine	0	2
		College of the Holy Cross	0	1
		Hampshire College	0	1
		Massachusetts College of Optometry	0	1
		Mount Holyoke College	0	1
		New England College of Optometry	0	1
		Smith College	0	1
Michigan	2553	University of Michigan	97	1267
		Michigan State University	30	808
		Wayne State University	13	258
		Michigan Technological University	2	134
		Western Michigan University	0	18
		Oakland University	2	14
		Central Michigan University	1	10
		GMI Engineering and Management Institute	0	9
		Eastern Michigan University	1	8
		Jordan College	0	5
		Saginaw Valley State University	1	5
		Lawrence Technological University	0	4
		Oakland Community College	0	4
		Kettering University	2	3
		Grand Valley State University	0	2
		Kresge Eye Institute of Wayne State University	0	2
		Calvin College	0	1
		Ferris State University	0	1
Minnesota	1567	University of Minnesota	38	1037
		Mayo Foundation for Medical Education and Research	48	528
		Minnesota State University, Mankato	0	1
		University of St. Thomas	1	1
		Mississippi State University	3	76

Mississippi	252	University of Mississippi	0	71
		University of Southern Mississippi	1	69
		University of Mississippi Medical Center	1	12
		Mississippi State University Research and Technology Corporation	1	11
		Jackson State University	0	4
		Mississippi State University Development Foundation	0	4
		Mississippi State University Forest Products Laboratory	0	4
		Alcorn State University	0	1
Missouri	1060	Washington University	25	564
		University of Missouri	35	391
		St. Louis University	8	89
		Rockhurst University	0	4
		Southwest Missouri State University	0	3
		St. Louis University Health Sciences Center	0	3
		Washington University School of Medicine	0	3
		Northwest Missouri State University	0	2
		Truman State University	0	1
Montana	110	Montana State University	5	41
		Montana State University Research and Development Institute	0	34
		University of Montana	0	32
		Montana Tech	0	2
		Montana State University Endowment and Alumni Foundation	0	1
Nebraska	440	University of Nebraska	12	406
		Creighton University	4	32
		Creighton University, Office of Technology Licensing	0	2
Nevada	99	University of Nevada	14	68
		University and Community College System of Nevada	0	20

		Desert Research Institute	0	11
New Hampshire	257	Dartmouth College	24	221
		University of New Hampshire	3	36
New Jersey	1515	Princeton University	24	536
		Rutgers University	28	491
		University of Medicine and Dentistry of New Jersey	14	218
		New Jersey Institute of Technology	34	181
		Stevens Institute of Technology	10	69
		Rutgers Research and Educational Foundation	0	6
		Seton Hall University	1	4
		Foundation of New Jersey Institute of Technology	0	2
		The College of New Jersey	0	2
		College of Medicine and Dentistry of New Jersey	0	1
		Fairleigh Dickinson University	0	1
		Hackensack University Medical Center	0	1
		Montclair State College	0	1
		Rowan University	0	1
		The Richard Stockton College of New Jersey	0	1
New Mexico	443	University of New Mexico	0	184
		Science and Technology Corp. at University of New Mexico	38	179
		New Mexico Tech Research Foundation	2	33
		New Mexico State University Technology Transfer Corporation	0	32
		New Mexico State University	0	8
		New Mexico Highlands University	3	5
		New Mexico Institute of Mining and Technology	0	2
		Cornell Research Foundation	33	1346
		Columbia University	78	1098
		Research Foundation of State University of New York	46	932
		Research Corporation	0	670
		New York University	46	628

New York	7190	Rockefeller University	15	469
		University of Rochester	27	433
		Rensselaer Polytechnic Institute	16	272
		Albert Einstein College of Medicine, Yeshiva University	13	238
		Cold Spring Harbor Lab	8	107
		Syracuse University	8	106
		Mount Sinai School of Medicine of the CUNY	0	90
		State University of New York	0	90
		Polytechnic Institute of New York	1	69
		Research Foundation, City University of New York	6	68
		Mount Sinai School of Medicine of New York University	0	66
		Mount Sinai School of Medicine	8	60
		New York Institute of Technology	0	55
		Rochester Institute of Technology	6	53
		Fordham University	0	42
		Alfred University	0	41
		Polytechnic Institute of New York University	15	41
		Albany Medical College	2	39
		NY Medical College	4	27
		Research Foundation of CCNY	0	23
		NYU Medical Center	0	22
		Alfred University Research Foundation	0	18
		Syracuse University Research Corporation	0	17
		Clarkson University	1	11
		The Cooper Union for the Advancement of Science and Art	0	10
		Yeshiva University	0	7
		Mount Sinai Research Foundation	0	6
		NYU School of Medicine	0	6
		St. John's University	0	5
		Adelphi University	2	3
		Brooklyn College	0	2

		Daemen College	0	2
		Dowling College	0	2
		Long Island University	0	2
		Manhattan College	0	2
		Pace University	0	2
		State Education Department, University of State of New York	0	2
		City College of New York	0	1
		New York Chiropractic College	0	1
		New York University and Juridical Foundation	0	1
		RIT Research Corp.	0	1
		Siena College	0	1
		Mount Sinai Medical Center of CUNY	0	1
		Touro College	0	1
		Union College	0	1
North Carolina	2497	Duke University	41	738
		North Carolina State University	38	721
		University of North Carolina	39	588
		Research Triangle Institute	6	190
		Wake Forest University	22	171
		East Carolina University	3	51
		Duke University Medical Center	0	12
		North Carolina A&T State University	2	12
		North Carolina Central University	0	4
		Wake Forest University Health Science	0	4
		Appalachian State University	0	2
		Bowman Gray School of Medicine, Wake Forest University	0	1
		Shaw University	0	1
		Davidson College	0	1
		Wake Forest University Baptist Medical Center	0	1
		North Dakota State University	6	82
		University of North Dakota Energy and Environment Research Center Foundation	9	29

North Dakota	137	University of North Dakota	2	16
		University of North Dakota School of Engineering and Mines Foundation	0	8
		University of North Dakota Medical Research Foundation	0	2
Ohio	2267	Ohio State University	17	473
		Case Western Reserve University	33	343
		University of Akron	20	294
		University of Cincinnati	9	234
		Ohio State University Research Foundation	23	214
		University of Dayton	8	140
		University of Toledo	11	140
		Kent State University	12	115
		Ohio University	7	89
		Wright State University	3	64
		Cleveland State University	1	41
		Medical College of Ohio	0	31
		Bowling Green State University	3	24
		Miami University	1	23
		Northeastern Ohio Universities College of Medicine	0	20
		Ohio University Edison Animal Biotechnology Institute	0	10
		Ohio Agricultural Research and Development Center	0	9
Oklahoma	447	Ohio Northern University	1	2
		Antioch College	0	1
Oklahoma	447	University of Oklahoma	11	306
		Oklahoma State University	10	102
		University of Tulsa	0	21
		Oklahoma A&M College	0	18
		Oregon Health Sciences University	13	248
		Oregon State University	12	153
		University of Oregon	4	62

Oregon	539	Oregon Graduate Center for Study and Research	0	26
		Portland State University	3	24
		Oregon Graduate Institute of Science and Technology	0	10
		Oregon State Board of Higher Education	1	5
		University of Portland	0	5
		Lewis and Clark College	0	4
		Southern Oregon University	1	2
Pennsylvania	3686	University of Pennsylvania	78	1054
		University of Pittsburgh	43	593
		Penn State Research Foundation	32	592
		Carnegie Mellon University	36	415
		Thomas Jefferson University	5	365
		Temple University	11	219
		Drexel University	20	146
		Lehigh University	6	90
		Duquesne University	7	65
		Philadelphia Health and Education Corp.	8	33
		Pennsylvania Research Corp.	0	31
		Penn State University	0	19
		Drexel University College of Medicine	0	14
		Allegheny University of the Health Sciences	0	8
		University of Scranton	0	7
		Villanova University	1	7
		Bryn Mawr College	0	4
		University of the Sciences in Philadelphia	0	4
		Drexel Institute of Technology	0	2
		Philadelphia College of Osteopathic Medicine	0	2
		Philadelphia College of Textiles and Science	0	2
		Philadelphia University	1	2
		University of Pittsburgh Medical Center	0	2
		Widener College	0	2
		Franklin and Marshall College	0	1

		Lehigh University and Northeast Benjamin Franklin Technology Center of PA	0	1
		Lock Haven University of Pennsylvania	1	1
		Philadelphia College of Pharmacy and Science	0	1
		St. Francis University	1	1
		Slippery Rock University	0	1
		University of the Arts	0	1
		Widener University	1	1
Rhode Island	245	Brown University Research Foundation	2	176
		Brown University	2	34
		University of Rhode Island	0	32
		Board of Regents for State Education	0	2
		Brown Technology Partnerships	0	1
South Carolina	436	Clemson University	1	194
		University of South Carolina	25	115
		Medical University of South Carolina	2	57
		Clemson University Research Foundation	13	56
		USC Research Foundation	0	11
		Bob Jones University	0	1
		Claflin University	1	1
		Erskine College	0	1
South Dakota	28	South Dakota School of Mines and Technology	1	24
		South Dakota State University	1	4
Tennessee	771	Vanderbilt University	32	383
		University of Tennessee Research Corp.	0	234
		University of Tennessee Research Foundation	13	121
		University of Memphis	3	12
		East Tennessee State University	1	5
		Oak Ridge Associated Universities	0	4
		Meharry Medical College	1	3
		Tennessee Technological University	1	3
		University of Tennessee Research Center	0	3
		Memphis State University	0	2
		Souther College of Optometry	0	1

Texas	3836	University of Texas	141	2321
		Texas A&M University	34	514
		Baylor College of Medicine	6	319
		Rice University	35	285
		University of Houston	8	102
		Texas Tech University	1	48
		UHouston System	10	39
		Baylor University	3	38
		Southern Methodist University	1	32
		Baylor Research Institute	5	27
		University of North Texas	3	25
		UHouston-University Park	0	19
		Texas Tech University Health Sciences Center	0	13
		University of North Texas Health Science Center	2	13
		University of Texas SW Medical Center, Dallas	0	8
		Texas Christian University	1	5
		UT MD Anderson Cancer Center	0	4
		Sam Houston State University	0	3
		Trinity University	0	3
		Texas Lutheran University	0	2
		UT Health Science Center, Houston	0	2
		UT Medical Branch, Galveston	0	2
		American Technological University	0	1
		Baylor Research Foundation	0	1
		Baylor University Medical Center	0	1
		Lamar State College of Technology	0	1
		Parker College of Chiropractic	0	1
		UHouston-Space Vacuum Epitaxy Center	0	1
		Stephen F. Austin State University	0	1
		Texas College of Osteopathic Medicine	0	1
		Texas State University	0	1
		Texas Wesleyan University	0	1
		UHouston-Clearlake	0	1
		Wayland Baptist University	0	1

Utah	1153	University of Utah Research Foundation	79	589
		University of Utah	6	263
		Brigham Young University	13	171
		Utah State University	11	86
		Utah State University Foundation	0	40
		Weber State University	0	4
Vermont	102	University of Vermont	4	102
Virginia	1106	University of Virginia Alumni Patents Foundation	28	351
		Virginia Tech Intellectual Properties	13	334
		Virginia Commonwealth University	7	144
		Southeastern Universities Research Association	0	63
		University of Virginia	1	52
		Eastern Virginia Medical School	3	28
		George Mason University	0	23
		Virgna Tech	0	22
		College of William and Mary	3	18
		Medical College of Hampton Roads	0	14
		Old Dominion University Research Foundation	4	12
		Old Dominion University	1	11
		Hampton University	3	10
		Roanoke College	0	7
		James Madison University	0	6
		Virginia Polytechnic Institute Educational Foundation	0	3
		Virginia Commonwealth University Medical College	0	2
		Virginia Tech Foundation	0	2
		Christopher Newport University	0	1
		Virginia Foundation for Independent Colleges	0	1
		Virginia State University	0	1
		VMI Foundation	0	1
	University of Washington	70	857	
	Washington State University Research Foundation	8	153	

Washington	1041	Washington State University	2	18
		Corporation of Gonzaga University	0	3
		Washington University Technology Associates	0	3
		Western Washington University	0	5
		Eastern Washington University	0	2
West Virginia	76	West Virginia University	3	56
		West Virginia University Research Corp.	2	9
		Marshall University Research Corp.	2	7
		Wheeling Jesuit University	0	2
		American Public University Systems	0	1
		Salem International University	0	1
Wisconsin	2292	University of Wisconsin Alumni Research Foundation	155	2139
		Medical College of Wisconsin Research Foundation	1	36
		Wisys Technology Foundation	5	33
		Medical College of Wisconsin	1	28
		Marquette University	1	17
		UWM Research Foundation	7	13
		Milwaukee School of Engineering	1	8
		University of Wisconsin - Milwaukee	0	8
		Beloit College	0	7
		Alverno College	0	1
		Marquette School of Medicine	0	1
		UW-Stout Manufacturing Lab	0	1
Wyoming	92	University of Wyoming	3	60
		University of Wyoming Research Corp.	5	31
		Wyoming Research Products Center	0	1

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bristol-Myers Squibb Company	05/22/2006
RECEIVING PARTY DATA	
Name:	The Trustees of The University of Pennsylvania
Street Address:	3160 Chestnut Street, Suite 200
Internal Address:	Center for Technology Transfer
City:	Philadelphia
State/Country:	PENNSYLVANIA
Postal Code:	19104-6283
PROPERTY NUMBERS Total: 5	
Property Type	Number
Patent Number:	5712279
Patent Number:	5739135
Patent Number:	5883109
Patent Number:	6066650
Patent Number:	6492365
CORRESPONDENCE DATA	
Fax Number:	(617)523-1231
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	6175701657
Email:	rmorin@goodwinprocter.com
Correspondent Name:	Goodwin Procter LLP, Attn: Patent Admin.
Address Line 1:	Exchange Place
Address Line 4:	Boston, MASSACHUSETTS 02109
ATTORNEY DOCKET NUMBER:	AEG

CH \$200.00 5712279

500136694

PATENT
REEL: 018075 FRAME: 0248

NAME OF SUBMITTER:

Randall D. Morin

Total Attachments: 3

source=AEG#page1.tif

source=AEG#page2.tif

source=AEG#page3.tif

Assignment

Bristol-Myers Squibb Company, a Delaware corporation, having a place of business at Lawrenceville-Princeton Road, Princeton, New Jersey 08543-4000, owner of the entire right, title, and interest in and to the inventions claimed in the Patents listed below:

1. U.S. Patent No. 5,712,279
2. U.S. Patent No. 5,739,135
3. U.S. Patent No. 5,883,109
4. U.S. Patent No. 6,066,650
5. U.S. Patent No. 6,492,365


6. European Patent No. 0,866,637
validated in the following countries as:
 - A. British Patent 0,866,637
 - B. French Patent 0,866,637
 - C. German Patent 69,633,983.8
 - D. Italian Patent 0,866,637
 - E. Spanish Patent 0,866,637

7. Israeli Patent No. 116,917

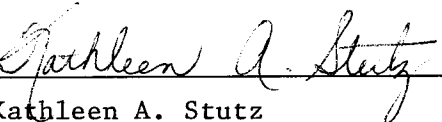
together with all right, title, and interest in and to the above-listed Patents and any reissues, reexaminations, renewals, supplemental protection certificates, and extensions thereof, does hereby assign all right, title, and interest in and to the inventions claimed in the above-listed Patents together with all right, title, and interest in and to the above-listed Patents, and any reissues, reexaminations, renewals, supplemental protection certificates, and extensions thereof, to The Trustees of The University of Pennsylvania, having a place of business at Center for Technology Transfer, 3160 Chestnut Street, Suite 200

Philadelphia, PA 19104-6283. We hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property in the above-listed Patents, and we hereby authorize and request the European, British, French, German, Italian, Spanish, Israeli and United States Patent Offices to issue any such European, British, French, German, Italian, Spanish, Israeli and United States reissues, reexaminations, renewals, supplemental protection certificates, and extensions to The Trustees of The University of Pennsylvania.

BRISTOL-MYERS SQUIBB COMPANY

By: 

Louis J. Wille
Vice President and Chief Patent Counsel
Date: May 22, 2006

Witness: 

Name: Kathleen A. Stutz
Title: Administrative Assistant
Date: May 22, 2006

THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA

By: _____

Name: _____

Title: _____

Date: _____

Witness: _____

Name: _____

Title: _____

Date: _____

Philadelphia, PA 19104-6283. We hereby convey all of our rights arising under or pursuant to any and all United States laws and international agreements, treaties or laws relating to the protection of industrial property in the above-listed Patents, and we hereby authorize and request the European, British, French, German, Italian, Spanish, Israeli and United States Patent Offices to issue any such European, British, French, German, Italian, Spanish, Israeli and United States reissues, reexaminations, renewals, supplemental protection certificates, and extensions to The Trustees of The University of Pennsylvania.

BRISTOL-MYERS SQUIBB COMPANY

By: _____

Louis J. Wille
Vice President and Chief Patent Counsel
Date: _____

Witness: _____

Name: _____
Title: _____
Date: _____

THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA

By:  _____

Name: John S. Zawad, Ph.D.
Title: Managing Director
Date: 5-17-06

Witness:  _____

Name: SALVATORE GRASSO
Title: DIRECTOR FINANCE
Date: 5-17-06

Patentees who Assign Patents to State Universities

UNIVERSITY OF TEXAS	
Original Organization	Patents
Microtransponder, Inc.	31
Millennium Pharmaceuticals, Inc. And Cor Therapeutics, Inc.	24
Samsung Electronics Co., Ltd.	19
Pharmacyclics, Inc.	17
Shell Oil Company	16
Ticona GmbH	14
Board Of Regents Of The University Of Texas	14
Orthologic Corp	14
The Regents Of The University Of California	13
Texas Tech University Health SciencesCenter	12
SOUTHWESTERN MEDICAL CENTER THE UNIVERSITY OF TEXAS	12
Schering Aktiengesellschaft	10
Molecular Imprints Inc	10
William Marsh Rice University	10
Hoechst Aktiengesellschaft	8
MedImmune, LLC And Board Of Regents, The University Of Texas System	8
Southwestern Plc	7
Southwest Research Institute	7
Texas Heart Institute	6
International Flavors & Fragrances Inc.	5
Hitachi, Ltd.	5
Hana Biosciences, Inc.	5
GTC Biotherapeutics, Inc.	5
Micro Therapeutics Inc	5
Vermillion, Inc.	5
Vapogenix, Inc.	5
The United States Of America As Represented By The Secretary Of The Army	5
Case Western Reserve University 10900 Euclid Ave Cleveland Ohio 44106 A Corp Of Ohio	5
Organic Fuels Algae Technologies, LLC	5
The Board Of Trustees Of The University Of Illinois	5
Micro Therapeutics, Inc.	4
MedImmune Inc	4
Amgen Fremont Inc. (N.D.Ges.D. Staates Delawar, US	4
Research Development Foundation, Nevada	4
Cardiospectra, Inc., Texas	4
Northwestern University	4
Mission Pharmacal Company	4
Microtransponder Inc Texas	4
Duke University	4
Board Of Regents,US	4
New Chapter Inc Vermont	4
Nanospectra Biosciences Inc	4
Celera Corporation	4
Volcano Corporation	4
The University Of Houston System	4

UNIVERSITY OF CALIFORNIA

Original Organization	Patents
California Institute of Technology	66
Otonomy, Inc.	51
The United States Of America As Represented By The United States Department Of Energy	34
LAWRENCE LIVERMORE NATIONAL SECURITY, LLC, LIV, US	26
Samsung Electronics Co., Ltd.	21
The Board Of Trustees Of The Leland Stanford Junior University	21
Lawrence Berkeley National Laboratory	18
BELL COMMUNICATIONS RESEARCH, INC., LIVINGSTON, N.J., US	16
Los Alamos National Security, LLC	13
Singulex Inc California	13
E.I. Du Pont De Nemours And Co,US	11
Telcordia Technologies Inc	11
Wisconsin Alumni Research Foundation	11
E. I. Du Pont De Nemours And Company 1007 Market S	10
United States Department Of Energy 20585 Washington DC US	10
Massachusetts Institute Of Technology	10
The Boeing Company	9
Intrabiotics Pharmaceuticals, Inc E The Regents Of The Univesy Of Calidornia	8
Hoffmann-La Roche Inc. 340 Kingsland Street	7
Florida State University Research Foundation Inc Tallahassee Florida	7
Rosestreet Labs Energy, Inc.	7
Board Of Trustees Of Michigan State University	7
Air Products And Chemicals, Inc. (N.D.Ges.D. Staat	6
Boeing North American Inc	6
Lawrence Berkeley Laboratory	6
The Johns Hopkins University 34TH And Charles Streets Baltimore Maryland 21218	6
Eua	6
Berkeley Technology, Limited	6
The Salk Institute For Biological Studies Po Box 1809 San Diego Californie Eua	6
The Regeants Of The University Of California	6

Genentech, Inc.	6
ALVEO TECHNOLOGIES INC.	6
Chiron Corporation 4560 Horton St	5
Grt Inc	5
Regeneron Pharmaceuticals, Inc.	5
Elan Pharmaceuticals, Inc.	5
General Electric Company	5
E.I. Du Pont De Nemours And Company Wilmington, De	5
Ze Ridzhents Of Zi Junivesiti Of KEHLIFON'E	5
The United States Of America As Represented By The Secretary Of Agriculture	5
Neuralstem, Inc.	5
Aradigm Corporation	5
STC.Unm	5
Topera Inc	5
Duke University	5
The Scripps Research Institute	4
Board Of Regents, The University Of Texas System	4
University Of Florida 207 ligert Hall	4
International Business Machines Corporation	4
Millenium Pharmaceuticals Inc	4
President And Fellows Of Harvard College	4
Millennium Pharmaceuticals, Inc. And Cor Therapeutics, Inc.	4
Matsushita Electric Industrial Co., Ltd. (PANASONIC CORPORATION)	4
Scientific Learning Corporation	4
Cor Therapeutics Inc	4
The Wellcome Foundation Limited	4
Industrial Technology Research Institute	4
Los Angeles By-Products Co.	4
Los Angeles Biomedical Research Inst At Harbour-Ucla Medical Center	4
University Of Southern California 1355 San Pablo Street Los Angeles California 90033 A Corp Of California	4
University Of South Florida	4
Stmicroelectronics S R L	4
Trustees Of Dartmouth College	4
Nereus Pharmaceuticals Inc	4
Rensselaer Polytechnic Institute, New York	4

University Of Virginia Patent Foundation	4
Japan Science and Technology Agency	4
AT&T Intellectual Property I, L.P.	4
United States Government Department Of Veterans Affairs	4
Toby Corporation	4
Sangamo Biosciences, Inc.	4
OF CALIFORNIA THE REGENTS OF THE UNIVERSITY	4
Glaxosmithkline LLC	4
CHEVRON U.S.A. INC. (US) , LOS ALAMOS NATIONAL SEC	4
Regents Of The University Of Minnesota	4
The University Of North Carolina At Chapel Hill	4
Thuris Corporation	3
Omeros Corporation	3
C3 Scientific Corporation	3
Hoffmann-La Roche Inc A Corpof NJ	3
The United States Of America As Represented By The Department Of Energy	3
Cortex Pharmaceuticals Inc	3
Applied Phytologics, Inc., California	3
Advanced Micro Devices, Inc.	3
Ocusense, Inc., California	3
Cygnus, Inc. (N.D.Ges.D. Staates DELAWARE), Redwoo	3
Biogen, Inc. A Corp. Of The United States Of Ame	3
Genicon Sciences Corporation California	3
Brigham Young University	3
Avigen, Inc.	3
Aretetherapeutics	3
Celanese Acetate LLC	3
Bertil Messing	3
Emory Universty	3
Board Of Trustees Of California Univ	3
Chiron Corp. (N.D.Ges.D. Staates DELAWARE), Emeryville	3
Chiron Corp	3
Los Angeles Manufacturing Company, Inc.	3
Los Angeles Paper Box Factory	3
Los Angeles Scientific Instrument Company, Inc.	3

UNIVERSITY OF FLORIDA

Original Organization	Patents
Florida, Inc	31
Northrop Grumman Corporation	13
University Of South Florida Tampa	11
H. Lee Moffitt Cancer Center & Research Institute, Inc.	11
Sinmat Inc	7
Foundation Inc Cornell RES	6
THE CHARLES STARK DRAPER LABORATORY, INC., MASSACH	6
TRW Inc. 1900 Richmond Road, Lyndhurst, Ohio 44124	5
Raytheon Company	5
Univ Central Florida	4
International Flavors & Fragrances Inc.	4
University Of South Florida Tampa Fla US	4
Florida Agricultural And Mechanical University	4
STC.Unm	4
Lineguard Inc A Corporation Organized And Existing Under The Laws Of The State Of Ohio	3
Sensormatic Electronics Corporation A Corp Of De	3
Mayo Foundation For Medical Education And Research	3
Integrated Plant Genetics, Inc.	3
CHS Pharma Inc	3
Kimberly-Clark Worldwide, Inc.	3
(N.D.Ges.D.Staates	2
ASM Japan K.K., Japan	2
Targacept, Inc., Winston-Salem, North Carolina	2
Hospital For Special Surgery	2
Image-Guided Neurologics Inc Delaware	2
Layton Bioscience, Inc.	2
Research Corp	2
X-Rite, Inc., Grandville, Minn., US	2
United States Of America Department Of Veterans Affairs	2
Los Alamos National Security, LLC	2
Medtronic, Inc.	2
Yale University	2
H. Lee Moffitt Cancer Center & Research Institute	2
Cryopraxis Criobiologia Ltda.	2

Semiconductor Energy Laboratory Co Ltd	2
UNIVERSITA' Degli Studi Di Roma Tor Vergata	2
The University of Melbourne	2
Research Foundation Inc Atlanta GA A Corp Of GA	2
Massachusetts Institute Of Technology	2
Optigraf Aktiengesellschaft	2
International Business Machines Corporation	2
Savind Incorporated	2
The Boeing Company	2
Cleveland Clinic Foundation	2
The Regents Of The University Of Michigan	2
University Of Tennessee Research Corporation Suite 415 Communications Building	1
The Procter & Gamble Company	1
University Of Tennessee Research Foundation	1
The UAB Research Foundation	1
Svenska Mejeriernas Riksfoerening U P A	1
Iowa State University Research Foundation Inc	1
R. J. Reynolds Tobacco Company A Corp. Of New Je	1
INTERNATIONAL FLAVORS and FRAGRANCES INC. TE NEW YORK, NEW YORK, VER. ST. V. AM.	1
Board Of Regents The University Of Texas System	1
Mannesmann Aktiengesellschaft	1
Bristol-Myers Squibb Company	1
Research Corporation Technologies, Inc. A Not- For-Profit, Non-Stock Corportion O	1
Rockwell International Corporation	1
Daido Steel Co., Ltd.	1
Rockwell International Corp. (N.D. Ges.D.Staates DELAWARE), Pittsburgh, PA. (V.St.A.)	1
Nanoptics Incorporated Virginia	1
Mobil Oil Corporation	1
University of London	1
Ixion Biotechnology Inc	1
Washington University	1
AG-Chem Equipment Co., Inc., Minnetonka, Minn., US	1

University Of Central Florida	1
Usbiomaterials Corp	1
University of North Florida	1
Board Of Trustees Operating Michigan State University	1
Matsushita Electric Industrial Co., Ltd. (PANASONIC CORPORATION)	1
Visteon Global Technologies, Inc. Intellectual Pro	1
Carnegie Mellon University	1
Raytheon Missile Systems	1
University Of South Florida, Florida	1
Mayo Foundation For Medical Education And Research	1
John Hopkins University	1
Infinite Photonics, Inc., Florida	1

OHIO STATE

Original Organization	Patents
The Research Foundation Of State University Of New	16
Honda Motor Co., Ltd.	11
Department Of Health And Human Services	9
The Cleveland Clinic Foundation	5
Wisconsin Alumni Research Foundation	5
The Government Of The United States Of America Asrepresented By The Secretary Of The Department Ofhealth And Human Services Centers For	4
Immunomedics, Inc.	4
NUCORION PHARMACEUTICALS, INC.	4
United Technologies Corporation	3
Eaton Corporation	2
Regents Of The University Of Minnesota	2
Neoprobe Corporation	2
The United States Of America As Represented By The Secretary Of Agriculture	2
Iowa State Universityres Found	2
AstraZeneca AB	2
Board Of Regents Of The University Of Texas System	2
The Research Foundation Of State University Of New York	2
Kansas State University RES Foundus	2
University Of Alberta	2
The Regents Of The University Of Michigan	2
Taipei Medical University	2
Siemens Corporation (A Delaware CORPORATION)	2
Nestec S.A.	2
Kansas State University Research Foundation 146 Durland Hall Manhattan KS 66506 A Corp Of KS	2
K2M Inc.	2
Nationwide CHILDREN'S Hospital	2
Battelle Memorial Institute	2
Tech4Imaging LLC	2
Mars, Incorporated (A Corporation Of Delaware, USA	2
Nationwide Children's Hospital, Inc.	2
University Of Delaware	1
University Of California	1
AT&T Bell Laboratories	1
Kimberly-Clark Corporation	1
Advanced Research Technology Insitute Inc Ind	1

Cleveland Clinc Foundation The, 9500 Euclid Avenue	1
E. I. Du Pont De Nemours And Company 1007 Market S	1
SurModics, Inc.	1
Brigham And Womens Hospital	1
Univ Delaware	1
Nextech Materials, Ltd.	1
Novartis AG	1
E.I. Du Pont De Nemours And Co,US	1
Colorado State University Research Foundation	1
Zettacore Inc.	1
The Regents Of The University Of California	1
Honda R&D Americas, Inc.	1
Aventis Pharmaceuticals Inc. (F.K.A. Marion Merrell Dow Inc.)	1
North Carolina State Universtiy, Raleigh, North CA	1
COLUMBUS STATE UNIVERSITY RESEARCH SERVICE FOUNDATION, INC.	1
Board Of Trustees Of Michigan State University	1
Univ Ohio	1
PHYCOTRANGENICS, LLC (A LIMITED LIABILITY COMPANY	1
University Of Georgia Research Foundation, Georgia	1
Ahio University	1
Terumo Kabushiki Kaisha	1
Astra Aktiebolag	1
Electronics And Telecommunications Research Institute	1
Actis, Ltd	1
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECREARY OF AGIRCULTURE	1
The Government Of The USA As Represented By The Secretary Dept Of Health & Human Services	1
University Of Georgia Research Foundation, Inc. A Nonprofit Of GA	1
University Of Tennessee Research Foundation	1
Syntonics LLC Delaware	1
The United States Of America As Represented By The Secretary Of State	1
Iowa State University Aresearch Foundation, Inc.	1
SYSTEM THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS	1

The Government Of The United States Of America, As Represented By The Secretary Of The Department Of Health And Human Services	1
National Science Foundation, Virginia	1
The Board Of Regents Of The University Of Texas System	1
ZT Plus	1
The Brigham And WOMEN'S Hospital, Inc.	1
The Trustees Of Columbia University In The City Of New York	1
Chromatin, Inc., Illinois	1
Children's Hospital	1
University Of Cincinnati A Corp. Of Ohio, Ohio	1
The Research Institute At Nationwide Childrens Hospital	1
Esanex, Inc.	1
The Brigham And Womens Hospital, Inc. En National	1
The Board Of Regents Of The University Of Oklahoma	1
Solitone, Inc.	1
Spectrum Diversified Designs, LLC	1
Cyclopore SA	1
Ohio State Innovation Foundation and Research Institute at Nationwide Childrens Hospital	1

PENN STATE

Original Organization	Patents
Massachusetts Institute Of Technology	7
THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SE	5
The United States Of America As Represented By The Departm	4
E.I. Du Pont De Nemours And Co,US	4
Panasonic Corporation	4
The United States Of America As Represented By The Secretar	4
The Texas A&M University System	3
Hyundai Motor Company	3
Northwestern University	3
Husch Blackwell LLP	3
Dow Global Technologies LLC	3
Schlumberger Technology Corporation Patent Department	2
Alcoa Inc.	2
Research Corporation Technologies A De Non-Profit Corp	2
Mobil Oil Corporation	2
Novartis AG	2
Pennsylvania State RES Foundat	2
Biotechnology Research And Development Corp	2
Los Alamos National Security, LLC	2
President And Fellows Of Harvard College	2
Wisconsin Alumni Research Foundation	2
Matsushita Electric Industrial Co., Ltd. (PANASONIC CORPORA	2
William Marsh Rice University	2
Electric Power Research Institute	2
The University Of Chicago	2
Massachusetts Inst Of Technol Mit Penn State Research Founc	1
Unger Breeding	1
Board Of Regents, The University Of Texas System	1
Musc Foundation For Research Development An Agency Of Th	1
The Pennsylvania Research Corporation	1
E. I. Du Pont De Nemours And Company 1007 Market S	1
Virus Research, Massachusetts	1
Minnesota Mining And Manufacturing Company	1
Electric Power Research Institute Inc	1
Massachusetts Insti. Technology	1
Minnesota Mining And Manufacturing C.	1
Bosch Systemes De Freinage	1
Pennsy Corporatioin	1
EPL Technologies, Inc.	1
The United States Of America As Represented By The Secretar	1
University Of Maryland 520 W Lombard Street Baltimore MD :	1
Air Products And Chemicals, Inc. (N.D.Ges.D. Staat	1
Promerus LLC	1
Minnesota Mining And Manufacturing Company Po Box 33427	1
Advance Inhalation Research	1

Electric Power Research Institute,I NC.	1
Thomas Jefferson University	1
KEMET Corporation	1
Ferro Corporation	1
Invisia Ltd.	1
Macneil Lab Inc	1
The Pennsylvania State College	1
The Pennsylvania Research Foundation	1
The United States Of America As Represented By The Secretary	1
Invisia Ltd Israel	1
CARBO Ceramics Inc.	1
Datascope Investment Corp. A Corp. Of New Jersey	1
Florida State University Research Foundation Inc Tallahassee F	1
The B.F. Goodrich Company, North Carolina	1
Alkermes, Inc.	1
Ndi Medical LLC - Charter No 1766209	1
The United States of America as represented by the Secretary of	1
Strategic Polymer Sciences, Inc.	1
Sandia Corporation	1
TRS Technologies, Inc.	1
Thoratec Corporation	1
The Regents Of The University Of California	1
Ndi Medical Inc	1
National Institute Of Standards And Technology	1
Technion Research & Development Foundation Ltd Haifa M	1
The Regents Of The University Of Michigan	1
Recapping, Inc.	1
The Johns Hopkins University 34TH And Charles Streets Baltimore	1
The United States of America as represented by Secretary of the	1
Technion Research And Development Foundation Ltd Haifa M	1
Watchstander, LLC	1
The Government Of The United States Of America, As Represented	1
The Trustees Of The University Of Pennsylvania	1
THE UNITED STATES OF AMERICA,AS REPRESENTED BY SECRETARY	1
Samsung Electronics Co., Ltd.	1
Carnegie Mellon University	1

SUNY

Original Organization	Patents
Kimberly-Clark Worldwide, Inc. (N.D.Ges.D.Staates	18
Ford Global Technologies, Inc. Rd Motor Company	14
Ford Motor Company	12
New York City, Inc	12
The Trustees Of Columbia University In The City Of New York	12
Kimberly-Clark Worldwide Inc.	11
BROOKHAVEN SCIENCE ASSOCIATES, LLC BROOKHAVEN NAT	10
New York University	5
Samsung Electronics Co., Ltd.	5
Research Foundation, New York	5
International Business Machines Corporation	5
The Regents Of The University Of California	5
RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK AT BUFFALO	4
Kimberly-Clark Corporation	4
Brookhaven Sciences Associates LLC	4
Ohio State Research Foundation	4
Health Research, Incorporated Te Albany	4
Wisconsin Alumni Research Foundation	3
Gelest, Inc. (A Pennsylvania CORPORATION)	3
Deka Products Limited Partnership A Limited Partnership formed Under The Laws Of NH	3
Stonybrook Water Purification	3
Columbia University in the City of New York	3
Cornell Research Foundation, Inc. (US) , Maruishi	3
University Of Rochester	3
Sandia Corporation	3
Aventis Pharma SA	2
FMC Corporation	2
Northrop Grumman Corporation	2
Dow Corning Corporation	2
Ferro Dynamics, Inc.	2
Stony Brook Technology And Applied Research	2
Nirx Medical Technologies, L.L.C., New York	2
Brookhaven Science Associates Upton NY US	2
Trophix Pharmaceuticals Inc	2
The United States Of America As Represented By The Department Of Health And Human Services	2
The Ohio State University Research Foundation	2
AT&T Intellectual Property I, L.P.	2
Emory University	2
The City University Of New York	2

Central Glass Company, Limited Ube City, Yamaguchi Prefecture	2
STATE UNIVERSITY OF NEW YORK, BUFFALO	2
Cornell University	2
Georgia Tech Research Corporation 225 North Ave NW Atlanta GA 30303 A GA Non-Profit Corp	2
The Regents Of The University Of Michigan	2
Suny Stony Brookresponics	1
Denki Kagaku Kogyo Kabushiki Kaisha	1
Iowa State University Research Foundation Inc	1
Heil-Quaker Corporation 1136 Heil-Quaker Blvd Lavergne TN 37086 A Corp Of De	1
Grumman Aerospace Corporation	1
Arizona Board Of Regents Acting On Behalf Of Arizona State University	1
Kuraray Co., Ltd.	1
Alliance Pharmaceutical Corp.	1
The Trustees Of Princeton Universit Y	1
Brookhaven Science Associates LLC Brookhaven National Laboratory	1
University Of Iowa Research Foundation	1
Nutriceutical Technology Corporation A NY Corpo	1
York Research Corporation Stamford CT	1
Onyx Pharmaceuticals, Inc.	1
The United States Of America As Represented By The Secretary Of The Navy	1
The Research Foundation Of Suny At Buffalo	1
The UAB Research Foundation	1
Lockheed Martin Corporation	1
Health Research Inc. (ROSWELL Park DIVISION)	1
The General Hospital Corporation & Mcneilab, Inc.	1
Pall Corporation	1
The Liposome Company Inc	1
SAMSUNG ELECTRONICS CO., LTD., ELECTRONICS AND TEL	1
Virginia Tech Intellectual Properties, Inc., Burru	1
Honda Motor Co., Ltd.	1
IOWA STATE UNIVERSITY REASEARCH FOUNDATION, INC.	1
Stony Brook Associates LLC	1
State New York	1
Kimberly Clark Woldwide Inc	1
Kimberly Clark Worldwide Inc	1
Kyto Biopharma, Inc., West Palm Beach, Fla., US	1
The Trustee Of Columbia University In The City Of New York	1

LOMA LINDA UNIVERSITY MEDICAL CENTER, A CA CORP.,	1
Advance Biofactures Corporation New York	1
Hauptman-Woodward Medical Research Institute, Inc.	1
University Of Pittsburgh Of The Commonwealth System Of Higher Education	1
The Research Foundation Of	1
Pe Corp NY Foster City	1
Alliance Pharmaceutical Corporation 3040 Science Park Road San Diego CA 92121 A Corp Of NY	1
The Research Foundation Institute Pty. Limited	1
Binghamton University	1
Toyo Boseki Kabushiki Kaisha	1
Hauptman-Woodward Medcial Research Institute, Inc.	1

Top 20 Pharma Patent Assignments to Universities

Assignor	Reel/frame Assi	Execution date	Conveyance type
<i>Eli Lilly</i>	021224/0434	8-Jul-08	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	024839/0774	1-Sep-03	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	024839/0658	1-Sep-03	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	024175/0446	1-Sep-03	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	018374/0230	1-Sep-03	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	014547/0334	1-Sep-03	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	004260/0197	15-May-84	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	004257/0073	15-May-84	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	004257/0081	15-May-84	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	004257/0077	15-May-84	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	004257/0075	15-May-84	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	004256/0051	15-May-84	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	004256/0049	15-May-84	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	004256/0047	15-May-84	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	004256/0045	15-May-84	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	004258/0843	15-May-84	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Roche</i>	004257/0569	15-May-84	ASSIGNMENT OF ASSIGNORS INTEREST.
Sanofi	019943/0341	10-Oct-07	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Pfizer</i>	024748/0258	6-Jul-10	ASSIGNMENT OF ASSIGNORS INTEREST.
<i>Bristol-Myers Squibb</i>	023951/0093	18-May-09	CORRECTIVE ASSIGNMENT

Assignee (Owner)	Patent	Publication
CORNELL UNIVERSITY	NONE	20070203235
MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY	8748171	20120114613
MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY	NONE	20110070203
MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY	7955849	20080226558
MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY	7763466	20060276420
MOUNT SINAI SCHOOL OF MEDICINE OF NEW YORK UNIVERSITY	7763466	20060276420
REGENTS OF THE UNIVERSITY OF CALIFORNIA THE	4116950	
REGENTS OF THE UNIVERSITY OF CALIFORNIA THE, 2200 UNIVERSITY AVE., BERKELEY, CA. 94720	4103005	
REGENTS OF THE UNIVERSITY OF CALIFORNIA THE, 2200 UNIVERSITY AVENUE, BERKELEY CA 94720	4098778	
REGENTS OF THE UNIVERSITY OF CALIFORNIA THE, 2200 UNIVERSITY AVENUE, BERKELEY, CA 94720	4081434	
REGENTS OF THE UNIVERSITY OF CALIFORNIA THE, 2200 UNIVERSITY AVENUE, BERKELEY, CA 94720	4038222	
REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE 2200 UNIVERSITY AVE., BERKELEY, CA. 94720	4250087	
REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE 2200 UNIVERSITY AVE., BERKELEY, CA. 94720	4219468	
REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE 2200 UNIVERSITY AVE., BERKELEY, CA. 94720	4330465	
REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE 2200 UNIVERSITY AVE., BERKELEY, CA. 94720	4317770	
REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE 2200 UNIVERSITY AVENUE, BERKELEY, CALIFORNIA 94720	4096237	
REGENTS OF THE UNIVERSITY OF CALIFORNIA, THE, 2200 UNIVERSITY AVENUE, BERKELEY, CA 94720	4189426	
THE BOARD OF TRUSTEES OF THE STANFORD JUNIOR UNIVERSITY	NONE	20050020523
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	9193983	20110065131
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	NONE	20090197893

Properties

1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
1	Assigned to University
2	Assigned to University
1	Assigned to University
1	Assigned to University



NATIONAL CONGRESS OF AMERICAN INDIANS

The National Congress of American Indians Resolution #MKE-17-056

TITLE: Opposing Any Attempt to Limit the Sovereign Immunity of Indian Tribes in Any Forum, Including the Patent Trial and Appeal Board

EXECUTIVE COMMITTEE

PRESIDENT
Jefferson Keel
Chickasaw Nation

FIRST VICE-PRESIDENT
Aaron Payment
Sault Ste. Marie Tribe of Chippewa Indians of Michigan

RECORDING SECRETARY
Juana Majel-Dixon
Pauma Band Mission Indians

TREASURER
W. Ron Allen
Jamestown S'Klallam Tribe

REGIONAL VICE-PRESIDENTS

ALASKA
Rob Sanderson, Jr.
Tlingit & Haida Indian Tribes of Alaska

EASTERN OKLAHOMA
Joe Byrd
Cherokee Nation

GREAT PLAINS
Larry Wright, Jr.
Ponca Tribe of Nebraska

MIDWEST
Roger Rader
Pokagon Band of Potawatomi

NORTHEAST
Lance Gumbs
Shinnecock Indian Nation

NORTHWEST
Leonard Forsman
Suquamish Tribe

PACIFIC
Willie Carrillo
Tule River Tribe of California

ROCKY MOUNTAIN
Darrin Old Coyote
Crow Nation

SOUTHEAST
Nancy Carnley
Ma-Chis Lower Creek Indians

SOUTHERN PLAINS
Zach Pahmahmie
Prairie Band of Potawatomi Nation

SOUTHWEST
Joe Garcia
Ohkay Owingeh Pueblo

WESTERN
Franklin Pablo, Sr.
Gila River Indian Community

EXECUTIVE DIRECTOR
Jacqueline Pata
Tlingit

NCAI HEADQUARTERS
1516 P Street, N.W.
Washington, DC 20005
202.466.7767
202.466.7797 fax
www.ncai.org

WHEREAS, we, the members of the National Congress of American Indians of the United States, invoking the divine blessing of the Creator upon our efforts and purposes, in order to preserve for ourselves and our descendants the inherent sovereign rights of our Indian nations, rights secured under Indian treaties and agreements with the United States, and all other rights and benefits to which we are entitled under the laws and Constitution of the United States and the United Nations Declaration on the Rights of Indigenous Peoples, to enlighten the public toward a better understanding of the Indian people, to preserve Indian cultural values, and otherwise promote the health, safety and welfare of the Indian people, do hereby establish and submit the following resolution; and

WHEREAS, the National Congress of American Indians (NCAI) was established in 1944 and is the oldest and largest national organization of American Indian and Alaska Native tribal governments; and

WHEREAS, Indian tribal governments have a unique status in our federal system under the Constitution and numerous treaties and federal laws. As governments, Tribal Nations operate and fund courts of law, police forces, and fire departments and provide a broad range of governmental services to their citizens, including health care, education, transportation, public safety, and domestic and social programs; and

WHEREAS, sovereign immunity from suit is the right of all governments in the United States, including federal, state and tribal governments. The purpose is to provide protection against loss of assets held in common for many people for the performance of vital government functions. The federal government has a longstanding obligation under the Constitution, treaties, and hundreds of court cases to protect tribal self-government. Any federal abrogation of tribal immunity runs sharply counter to this obligation, and would substantially interfere with tribal self-governance, and place tribal assets and funds at risk; and

WHEREAS, federal patent law was overhauled in 2011 with the America Invents Act (AIA). The AIA brought in the Inter Partes Review (IPR) process, now codified at 31 USC Secs 311-319. IPR is a quasi-litigation process before the Patent Trial & Appeals Board rather than federal district court. The IPR process is intended to be a faster and more cost effective way to challenge and defend patents. However, the new law has created considerable controversy; and

WHEREAS, there is legislation pending in the Congress to address the current law's deficiencies and amend the IPR. That legislation incorporated findings that, "unintended consequences of the comprehensive 2011 reform of patent laws are continuing to become evident, including the strategic filing of post-grant review proceedings to depress stock prices and extort settlements, the filing of repetitive petitions for inter partes and post-grant reviews that have the effect of harassing patent owners, and the unnecessary duplication of work by the district courts of the United States and the Patent Trial and Appeal Board;" and

WHEREAS, the Supreme Court is considering the constitutionality of the IPR process. In *Oil States Energy Services v. Greene's Energy Group*, the Court has agreed to consider whether the IPR process violates the Constitution by extinguishing private property rights without the benefit of a federal court hearing and a jury; and

WHEREAS, the Saint Regis Mohawk Tribe ("SRMT" or the "Tribe"), recently entered into a transaction with Allergan Corporation ("Allergan") in which the Tribe has gained ownership of the patents for RESTASIS® (Cyclosporine Ophthalmic Emulsion) 0.05%, a medication to treat chronic dry eyes, and then licensed the use of patents back to Allergan in exchange for a lump sum payment and annual royalties that will be used for essential governmental purposes; and

WHEREAS, Tribal governments possess the same sovereign authority often exercised by public universities and state governments to partner with companies to bring products to the market while retaining title of intellectual property developed; such state entities have been held to be immune from IPR proceedings brought against them before the Patent Trial and Appeal Board; and

WHEREAS, Indian tribes also have and support tribal colleges and universities where research and innovation in such fields as health care (including significant diabetes research), energy and gaming technology makes it necessary and appropriate for the title of such intellectual property to be protected by sovereign immunity on par with public universities and state governments; and

WHEREAS, at least two federal courts have held that tribal immunity from suit applies in federal district court patent litigation. *Specialty House of Creation v. Quapaw Tribe* 2011 WL 308903; *Microlog Corp. v. Continental Airlines*, 2011 WL 13141413; and *Home Bingo Network v. Multimedia Games, Inc.*, No. 1:05-CV-0608, 2005 WL 2098056 (N.D.N.Y. Aug. 30, 2005); and

WHEREAS, the Tribe has asserted its sovereign immunity from suit in a pending action regarding the validity of the RESTASIS patent in IPR proceedings before the Patent Trial and Appeal Board; and

WHEREAS, unlike recent successful assertions of sovereign immunity by state entities to the IPR proceedings, there has been considerable press coverage and reaction by Members of Congress to the Tribe's transaction and use of sovereign immunity as a defense to IPR proceedings; and

WHEREAS, this recent attention has led to Congressional actions including investigatory and oversight measures to determine the validity of the transaction between the St. Regis Tribe and Allergan; and

WHEREAS, legislation has been introduced in the U.S. Senate with the specific purpose “To abrogate the sovereign immunity of Indian tribes as a defense in inter partes review of patents.”

NOW THEREFORE BE IT RESOLVED, that the National Congress of American Indians (NCAI) strongly opposes any legislative attempt to abrogate tribal sovereign immunity in any proceeding or forum; and

BE IT FURTHER RESOLVED, that the NCAI urges Congress to preserve tribal sovereign immunity in parity with state sovereign immunity in any future amendments of America Invents Act; and

BE IT FURTHER RESOLVED, that the NCAI urges Congress to refrain from consideration of any legislation impacting or affecting tribal sovereign immunity in the America Invents Act in order to consider any guidance the Court provides in *Oil States Energy Services v. Greene’s Energy Group*; and

BE IT FINALLY RESOLVED, that this resolution shall be the policy of NCAI until it is withdrawn or modified by subsequent resolution.

CERTIFICATION

The foregoing resolution was adopted by the General Assembly at the 2017 Annual Session of the National Congress of American Indians, held at the Wisconsin Center in Milwaukee, WI, Oct 15, 2017 - Oct 20, 2017, with a quorum present.


Jefferson Keel, President

ATTEST:


Juana Majel Dixon, Recording Secretary